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Palmdale to Los Angeles Supplemental Alternatives Analysis – April 2012

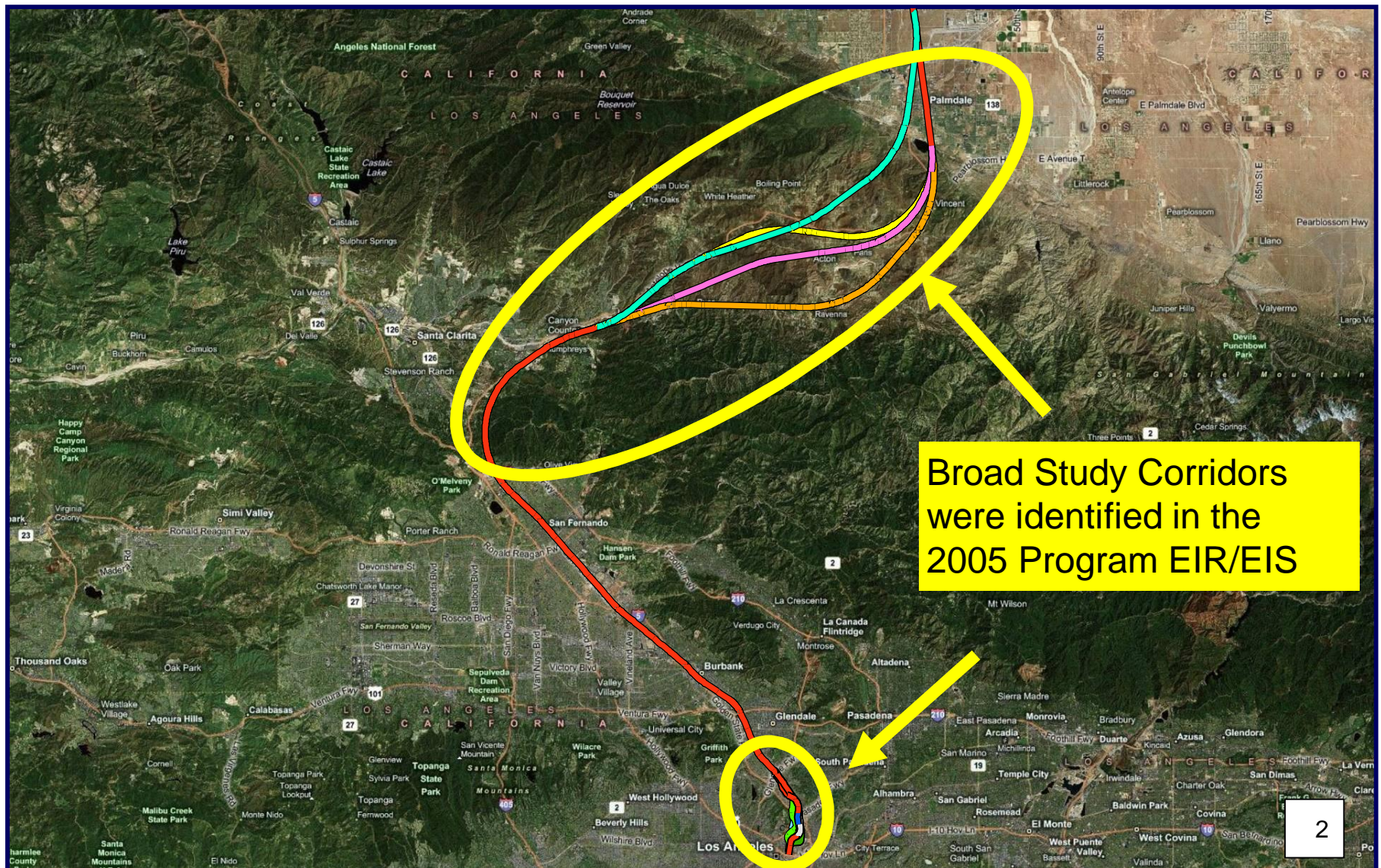


April 19, 2012



U.S. Department of Transportation
Federal Railroad Administration

Palmdale to Los Angeles 2005 Program EIR/EIS



Palmdale to Los Angeles Previous Alternatives Analysis Reports

“ Preliminary Alternatives Analysis Report

- Identified alternative alignments between Palmdale and Los Angeles Union Station and station locations in Palmdale and the San Fernando Valley
- Approved by Board July 2010

“ Supplemental Alternatives Analysis Report

- Refined alignment alternatives near downtown Los Angeles and in the San Fernando Valley
- Deferred Palmdale to Sylmar sub-section to a later date
- Approved by Board March 2011



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Recommended San Fernando Valley Supplemental Alternatives Analysis – March 2011

Palmdale to Sylmar

- " Further study was requested from stakeholders
- " Since July 2010, studied additional alignment alternatives in Santa Clarita and Antelope Valley

SR 2 to LAUS – Approved March 2011

- " 2 tunnel, 1 surface/elevated option into Union Station

Sylmar to SR 2 – Approved March 2011

- " Share Metro right-of-way dedicated HST tracks
- " Vertical profile variations compatible with station options and grade crossings
- " 3 station options
 - " Burbank/Buena Vista
 - " Branford Street
 - " San Fernando

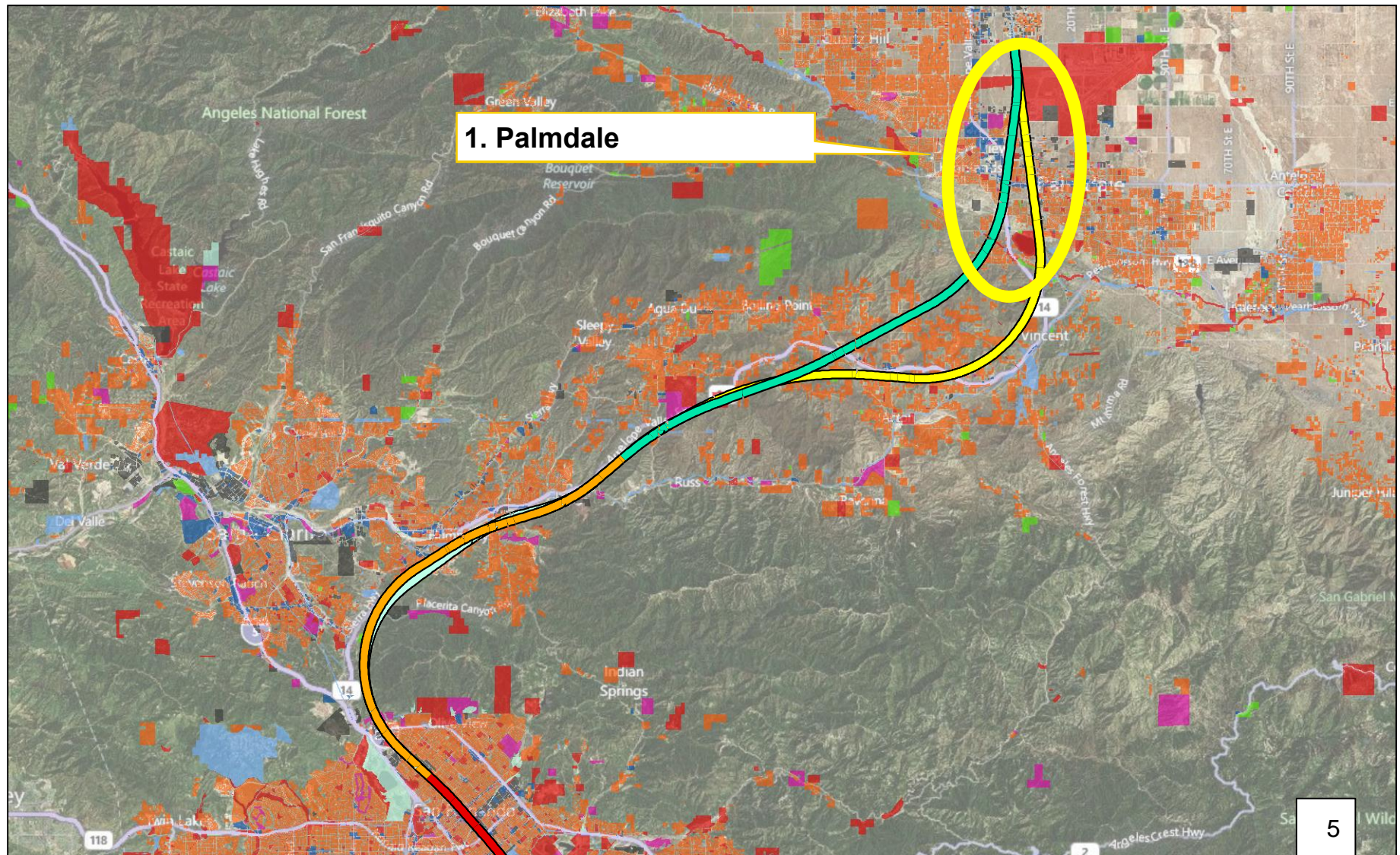


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Palmdale to Sylmar



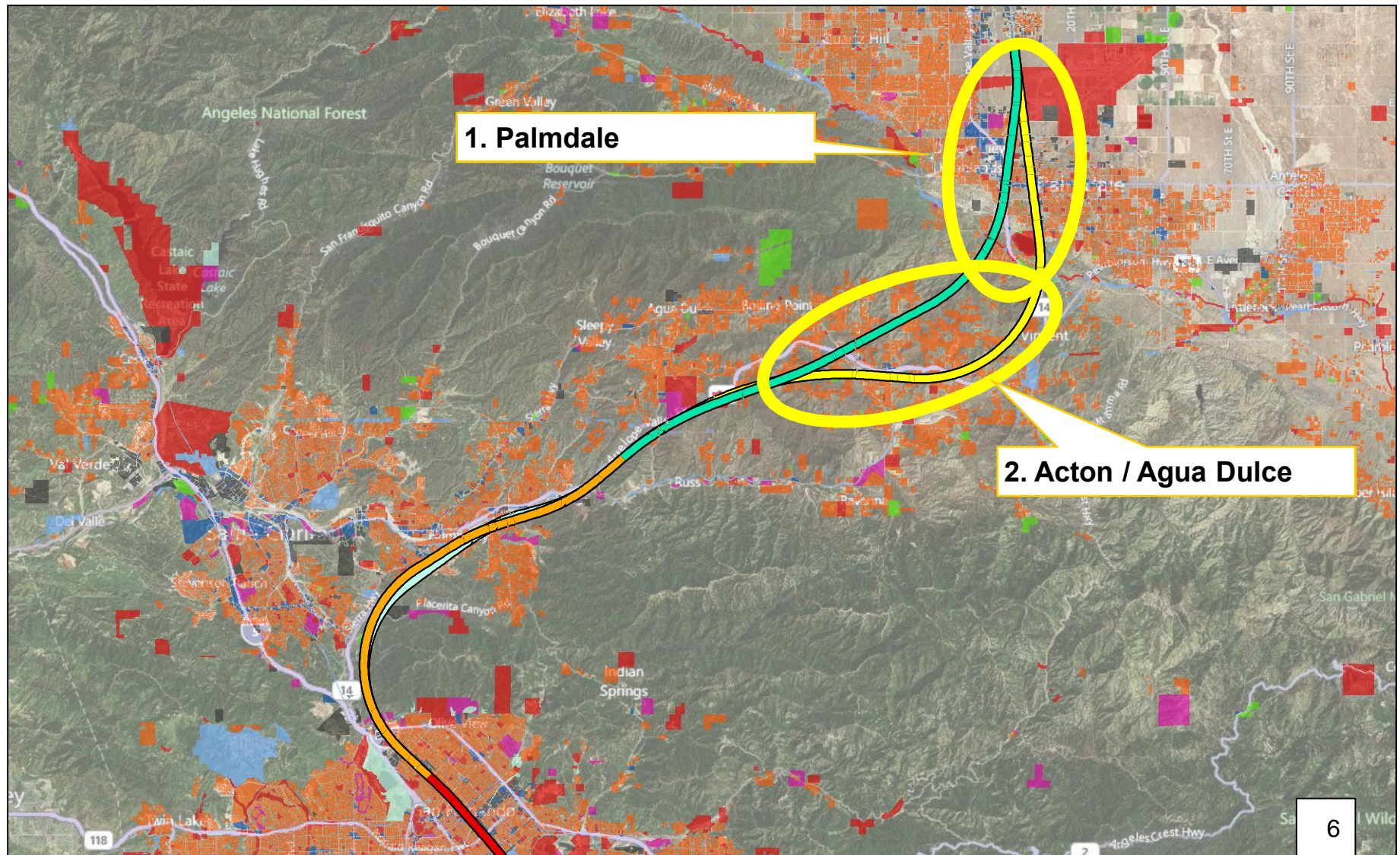


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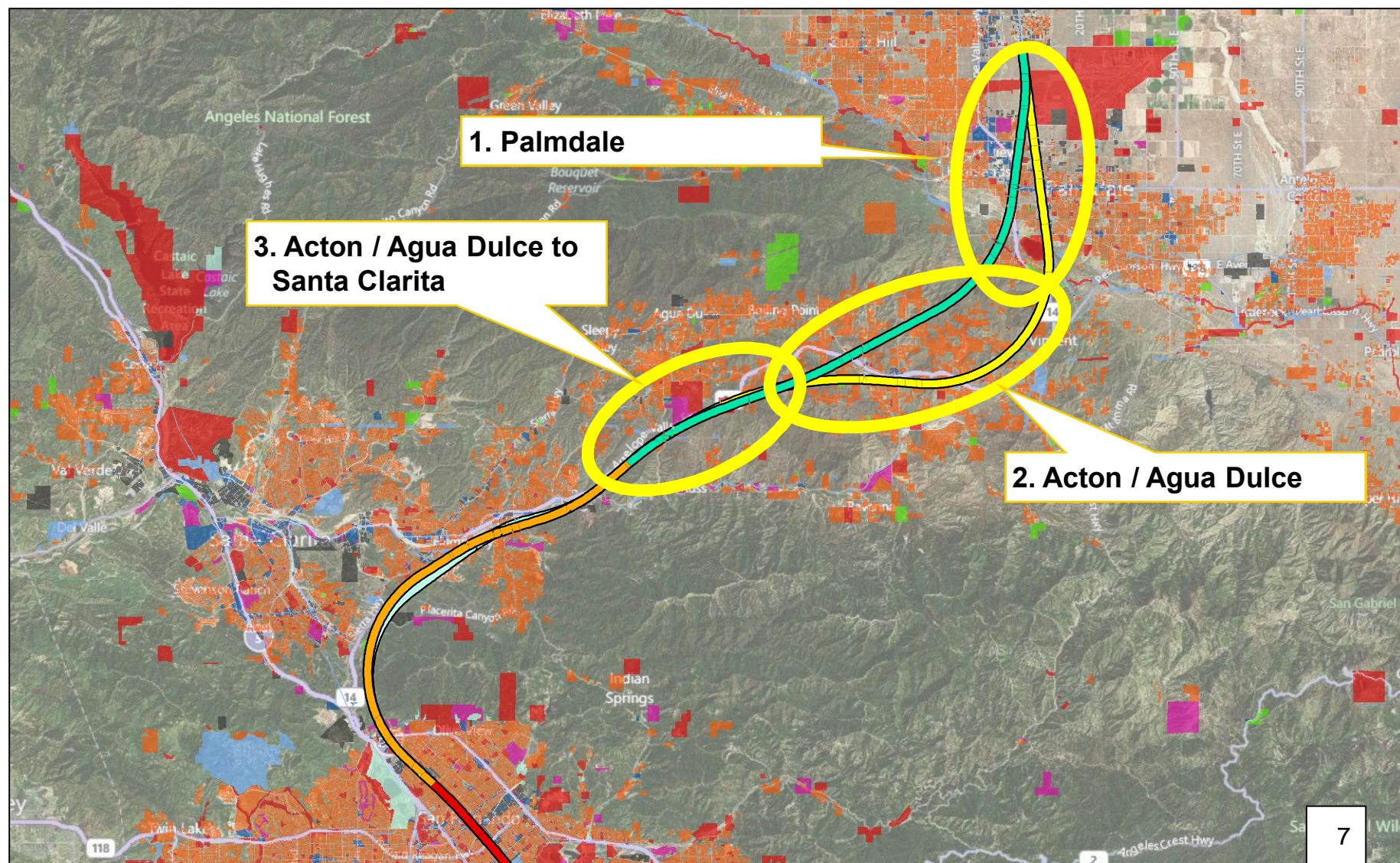


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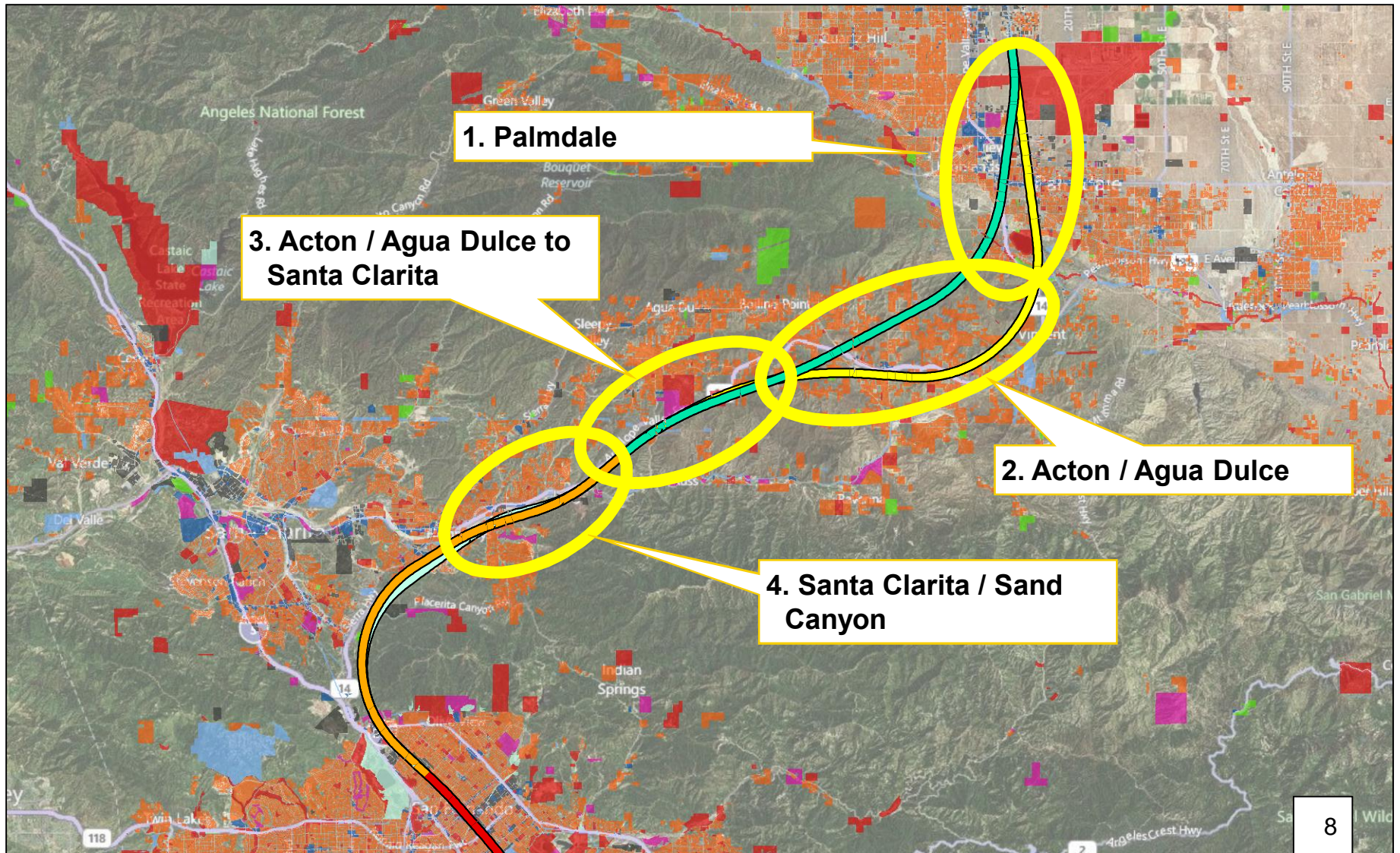


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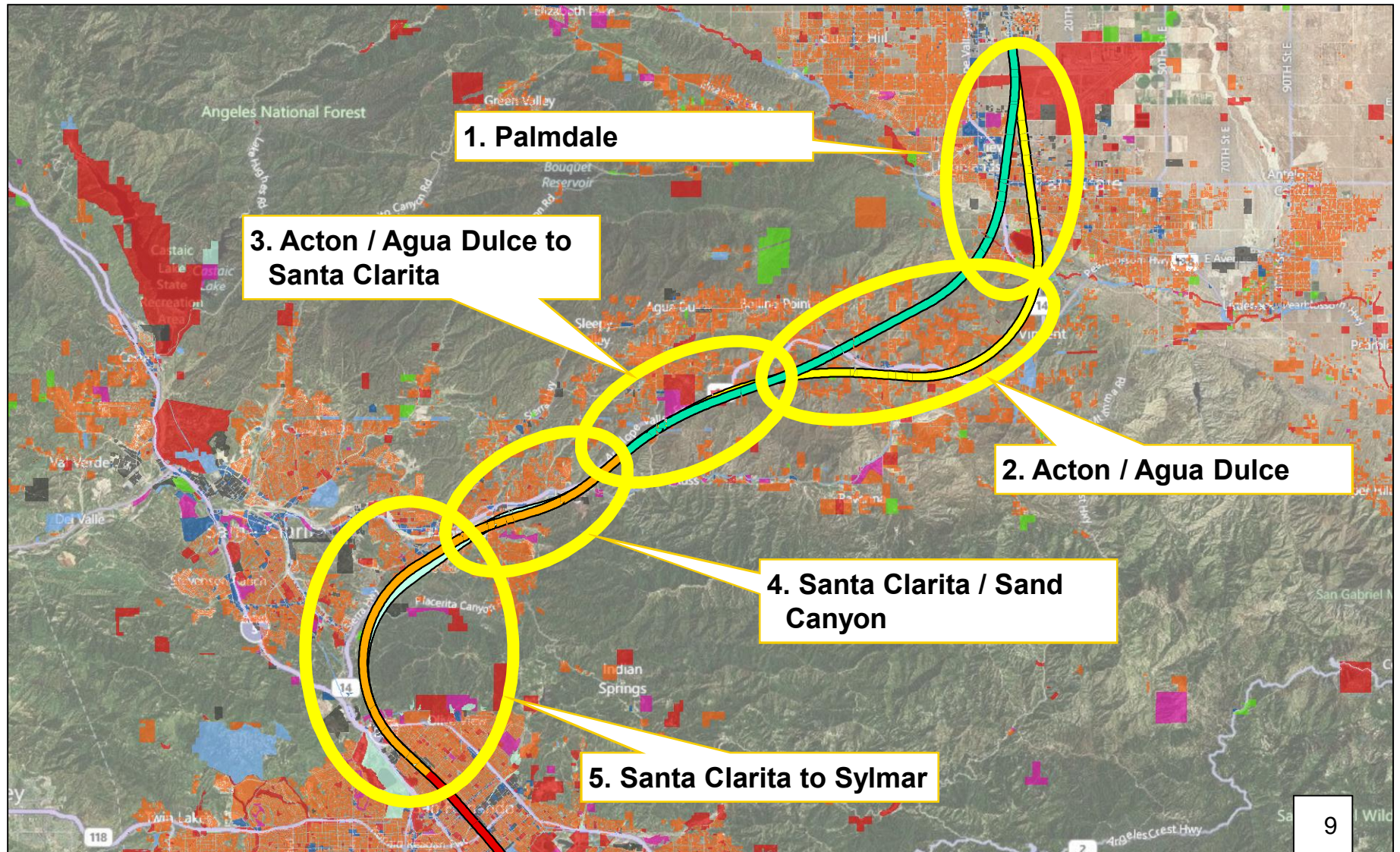


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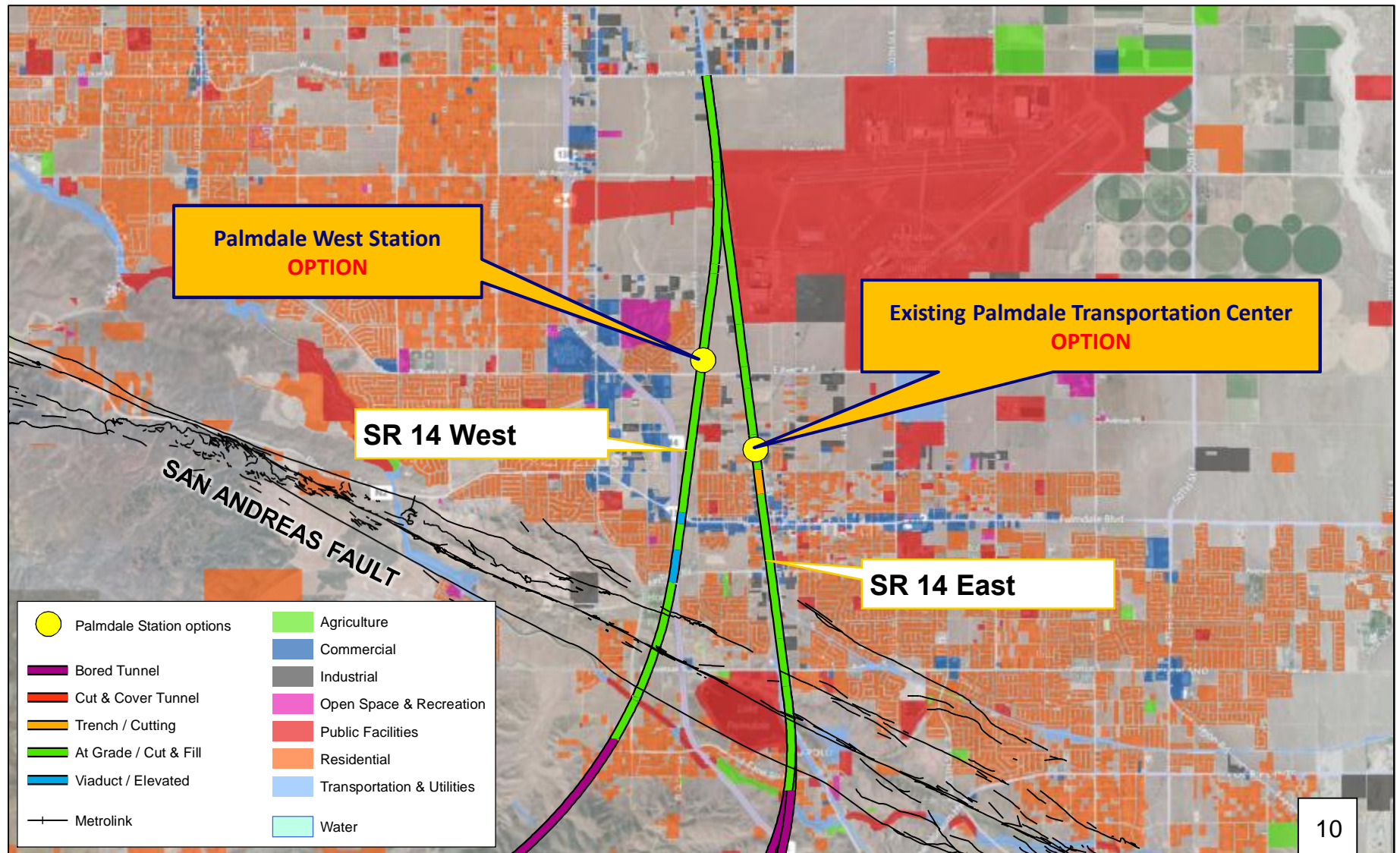


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Palmdale



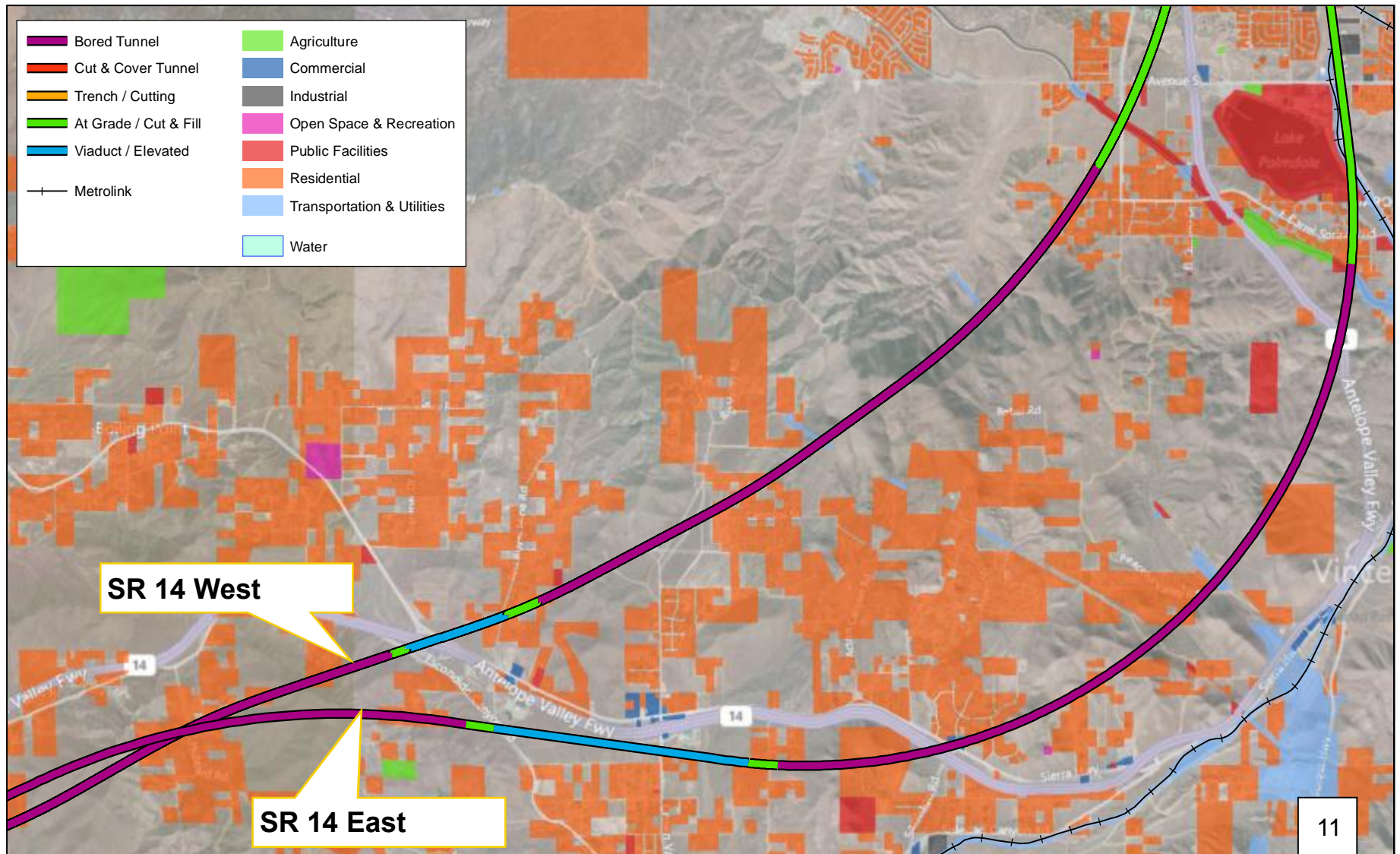


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Agua Dulce – Preliminary AA



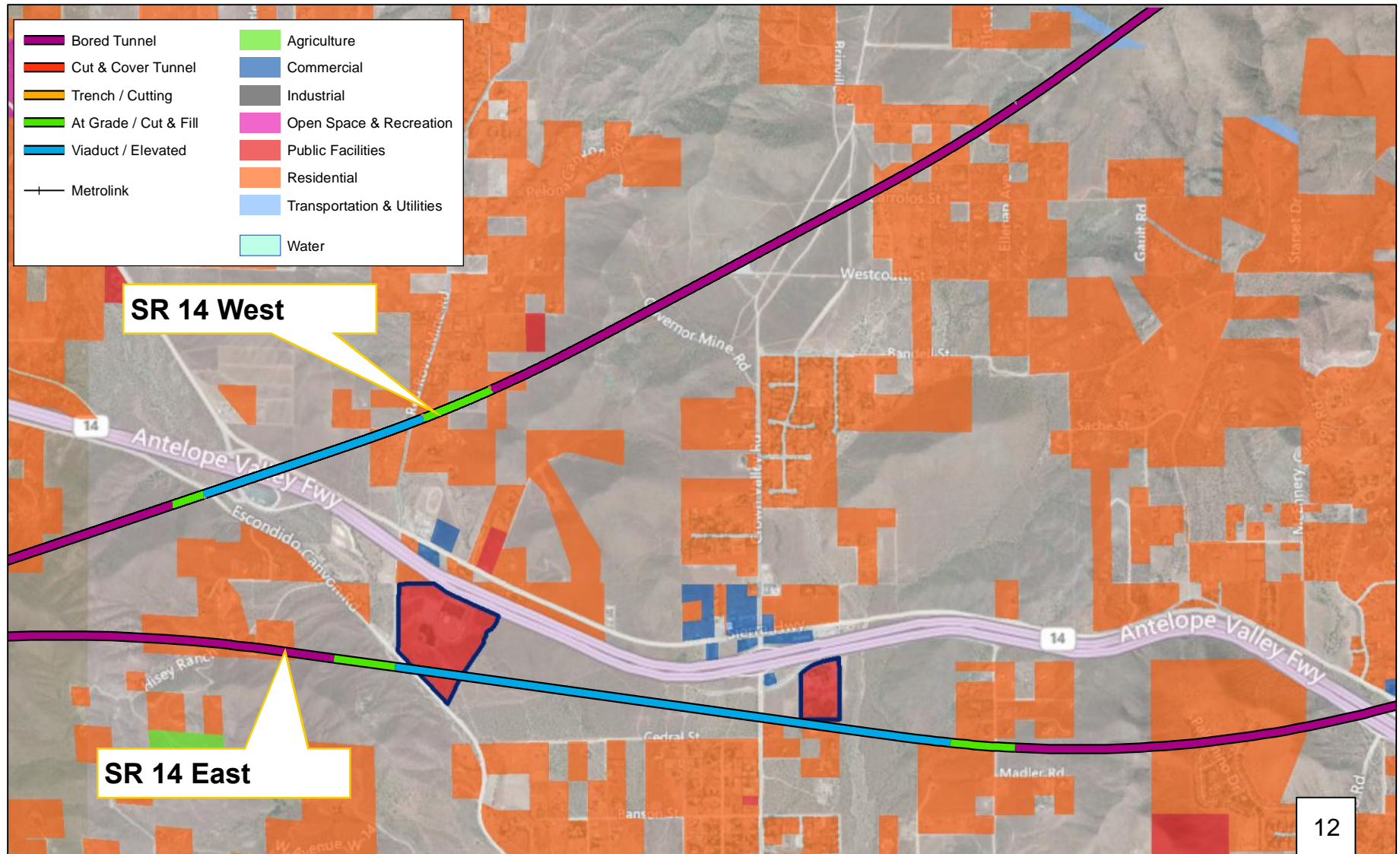


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Agua Dulce – Preliminary AA





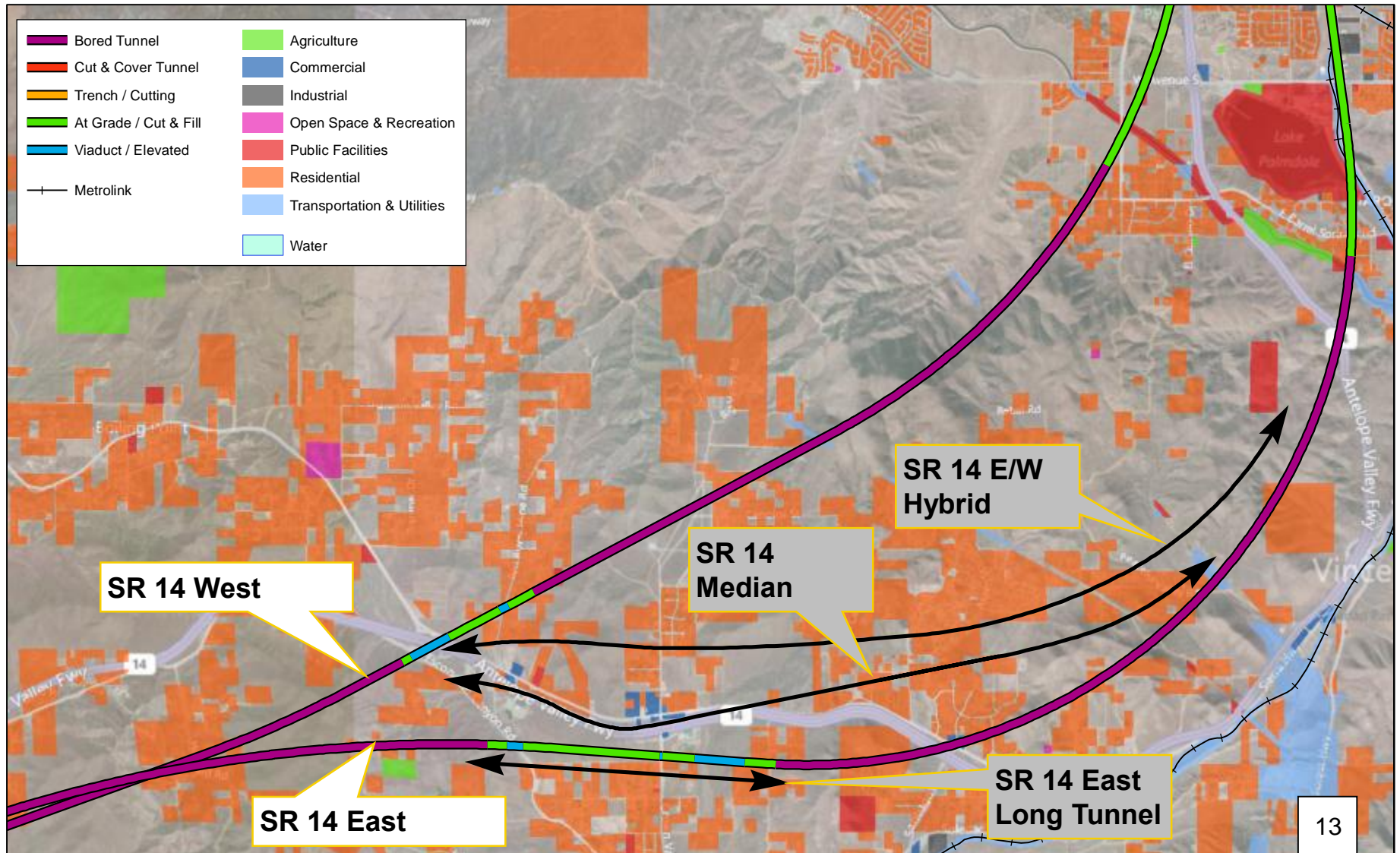
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Acton/Agua Dulce

Supplemental Alternatives Analysis Studies



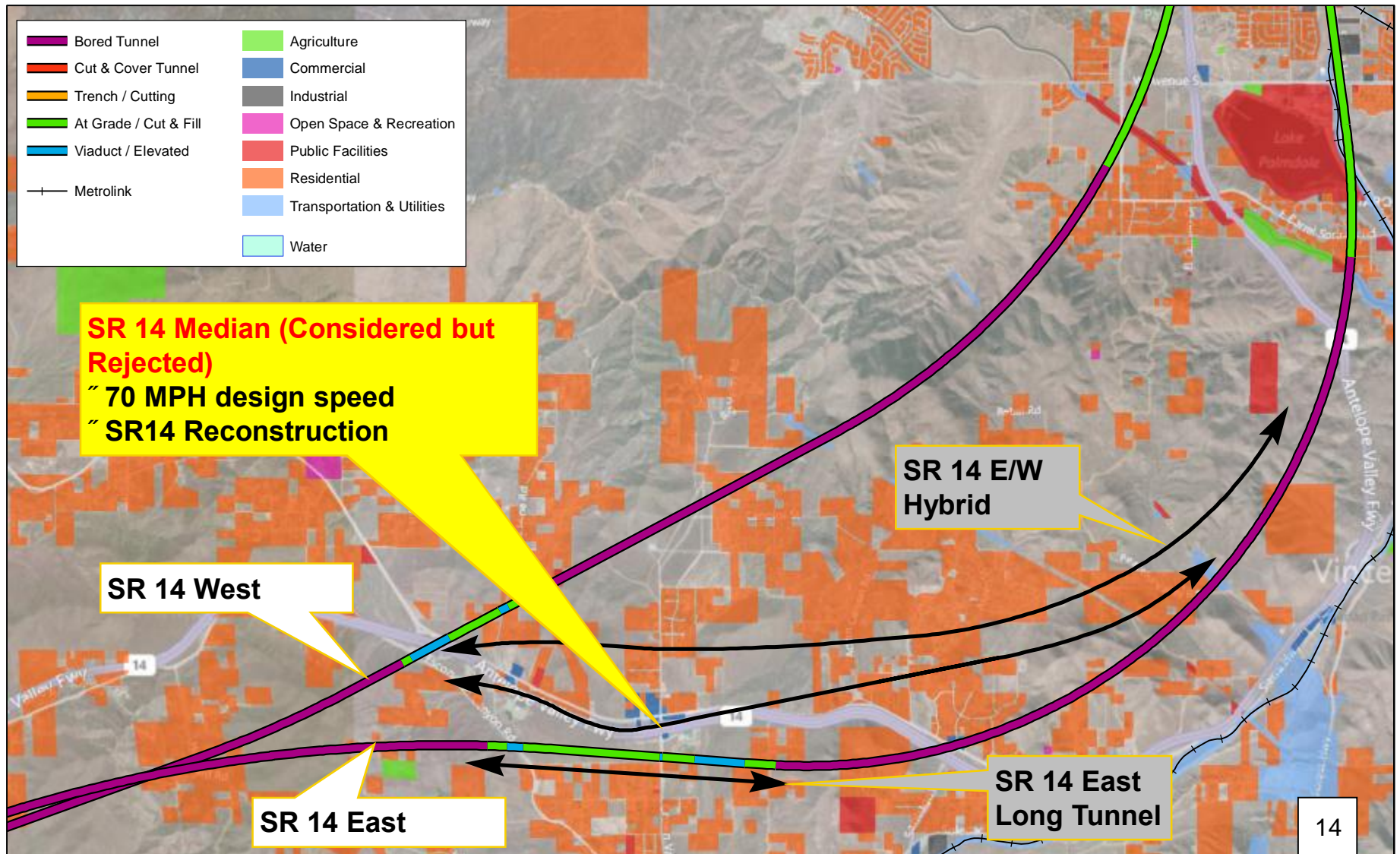


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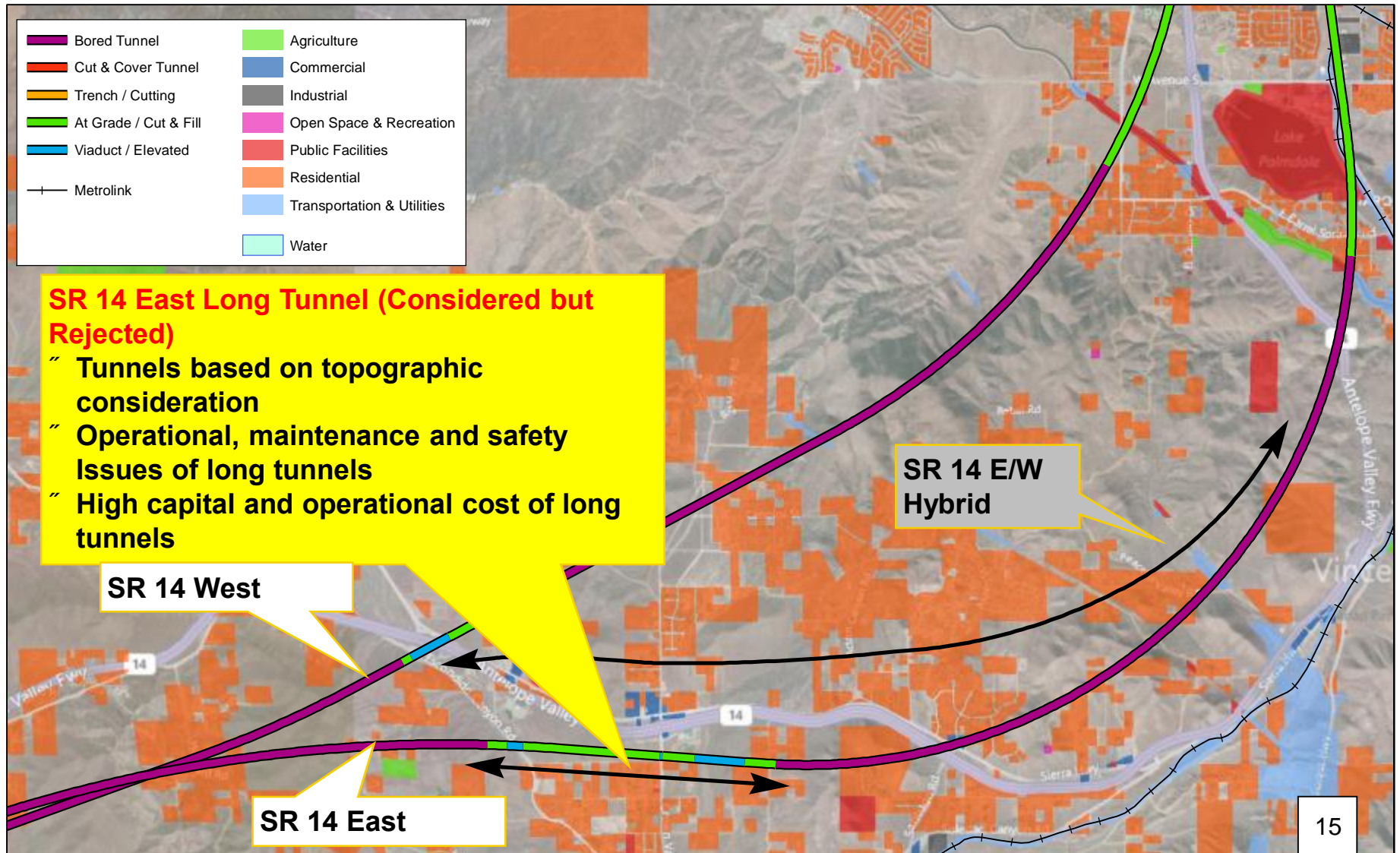


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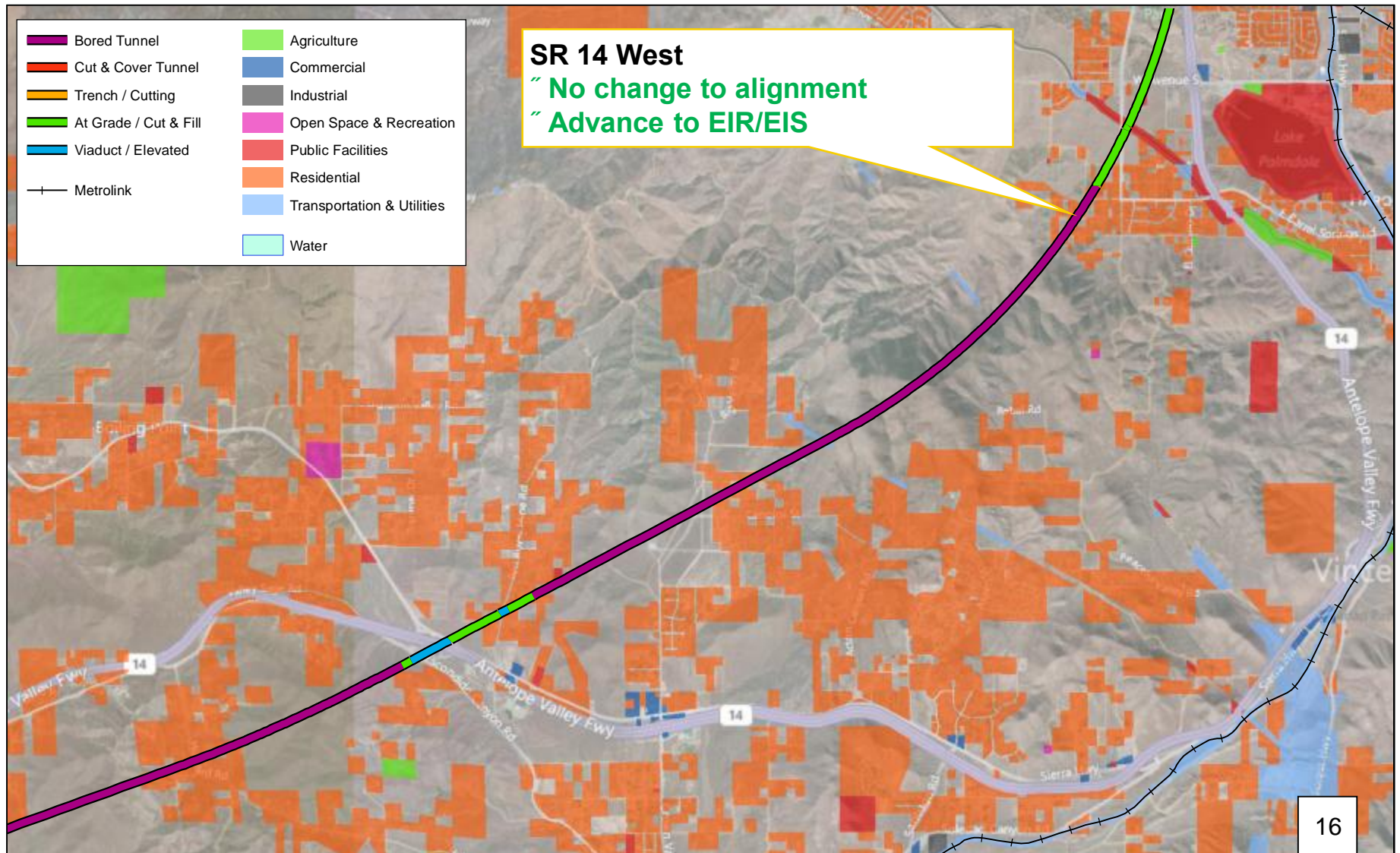
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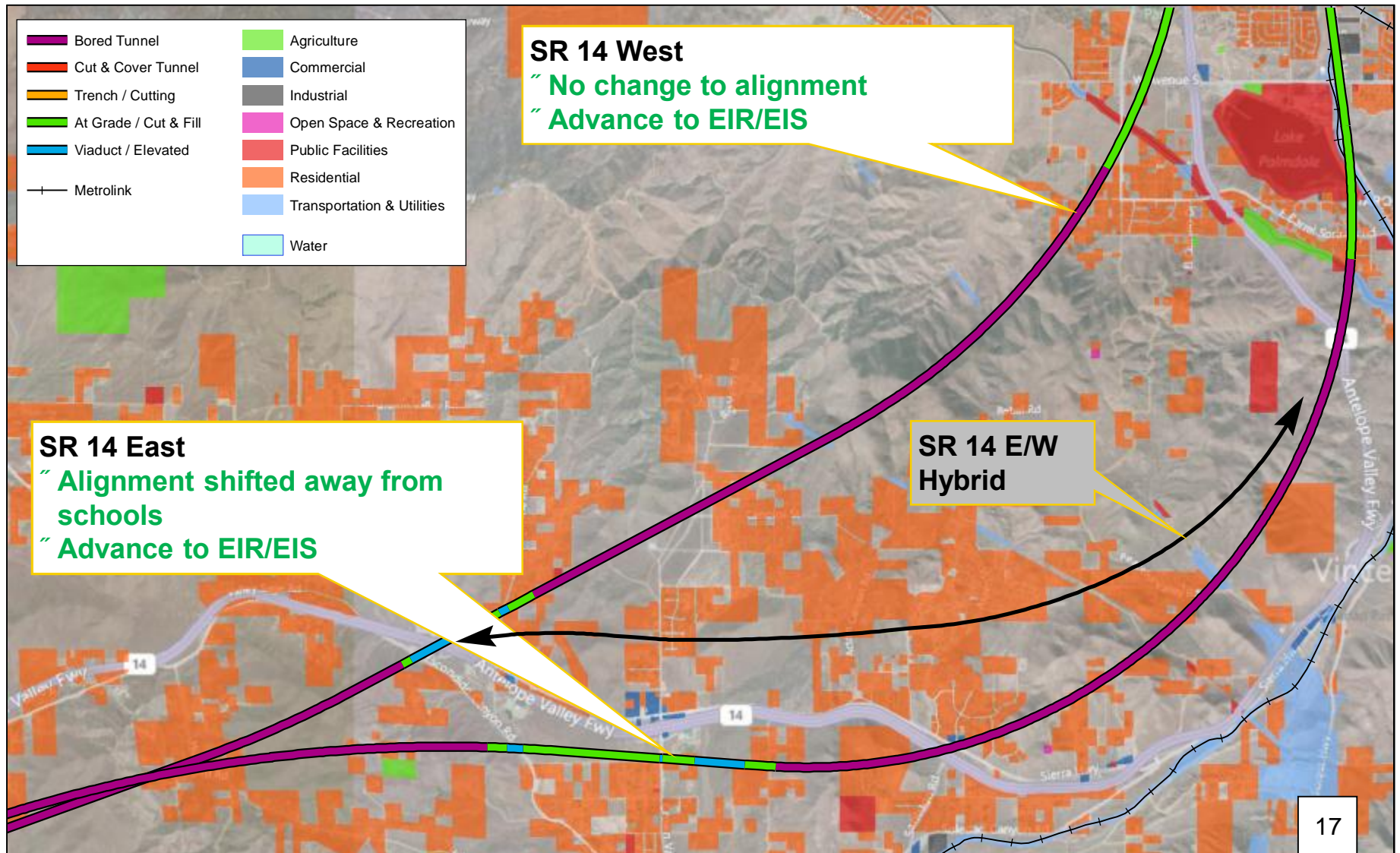
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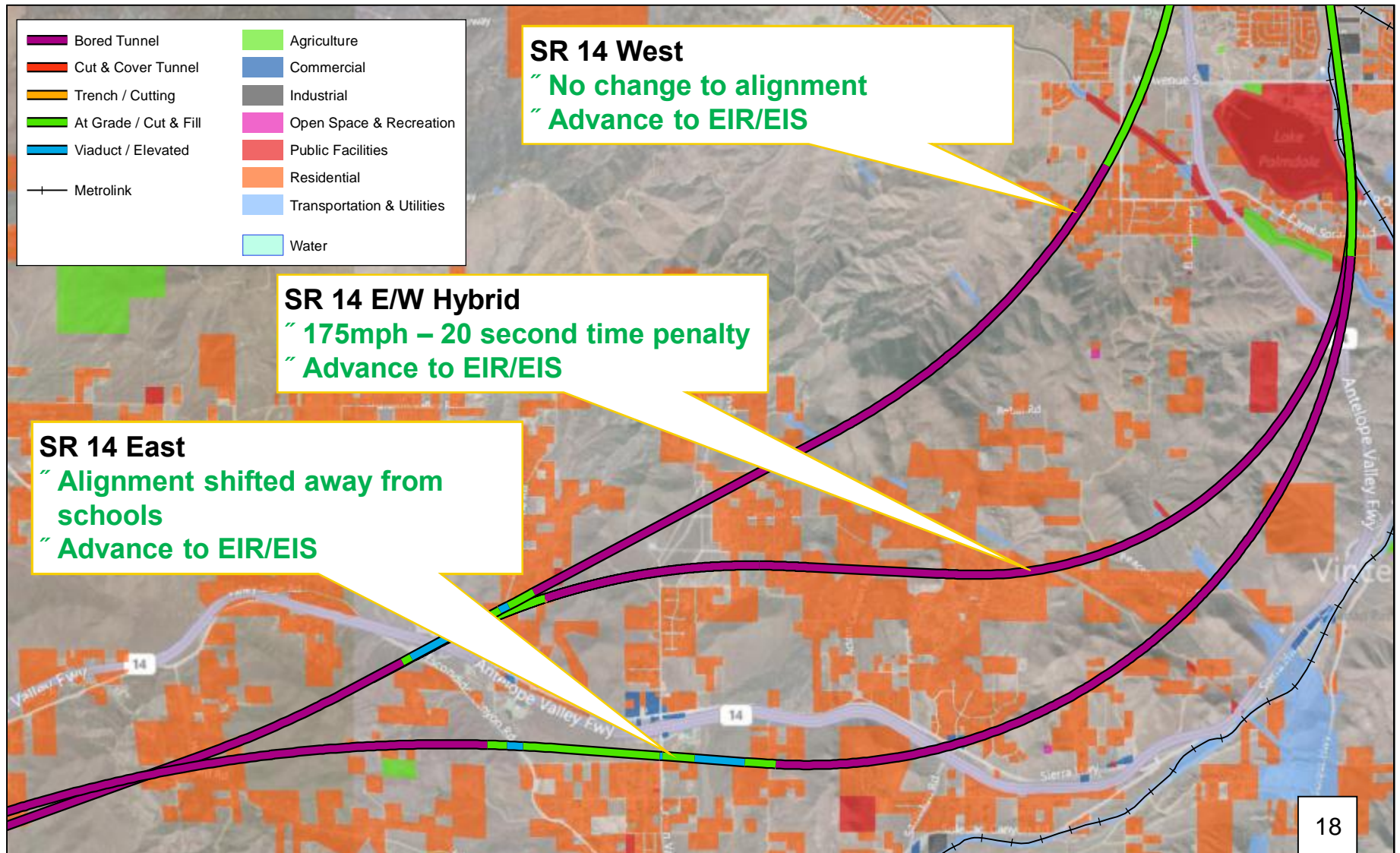
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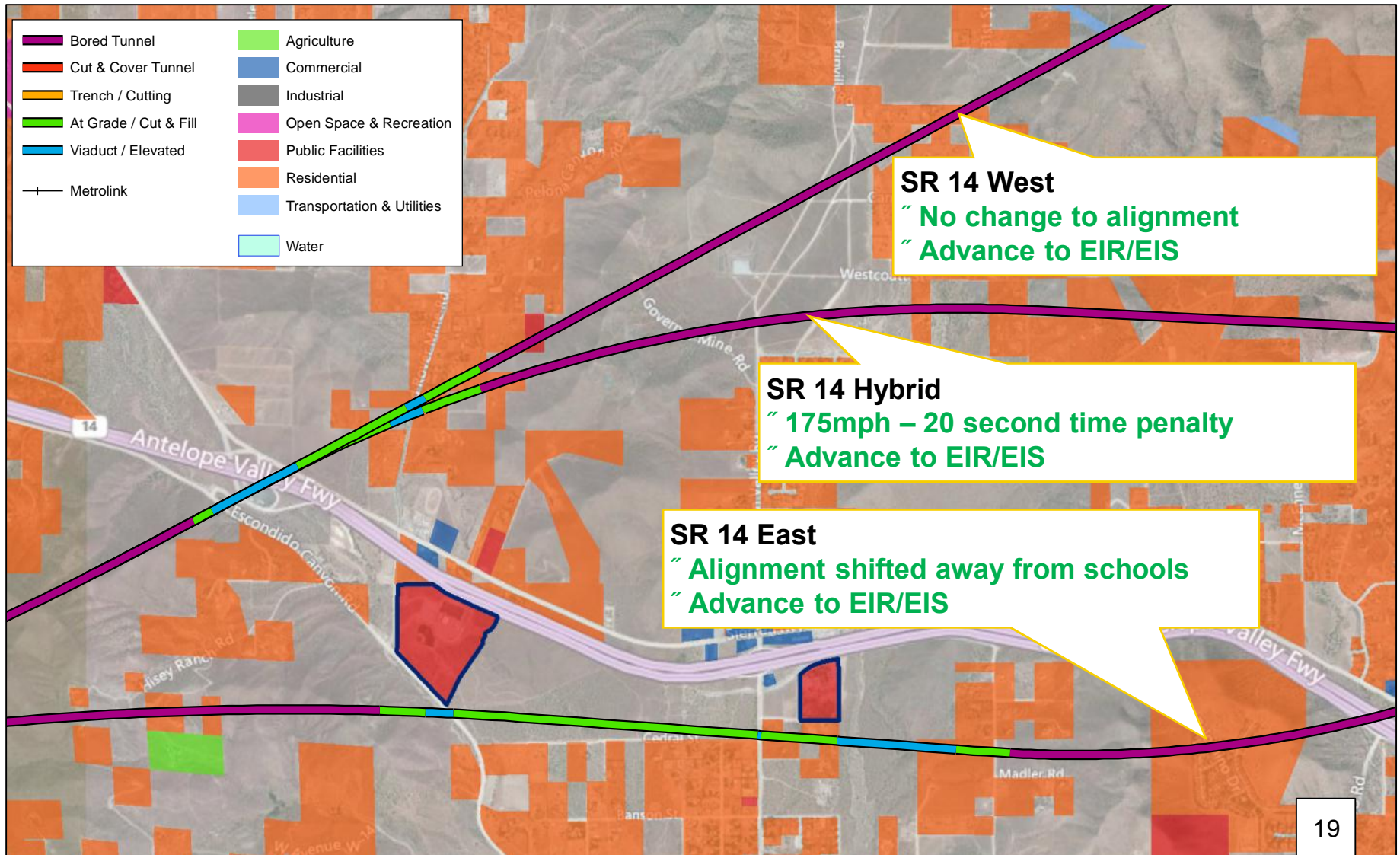


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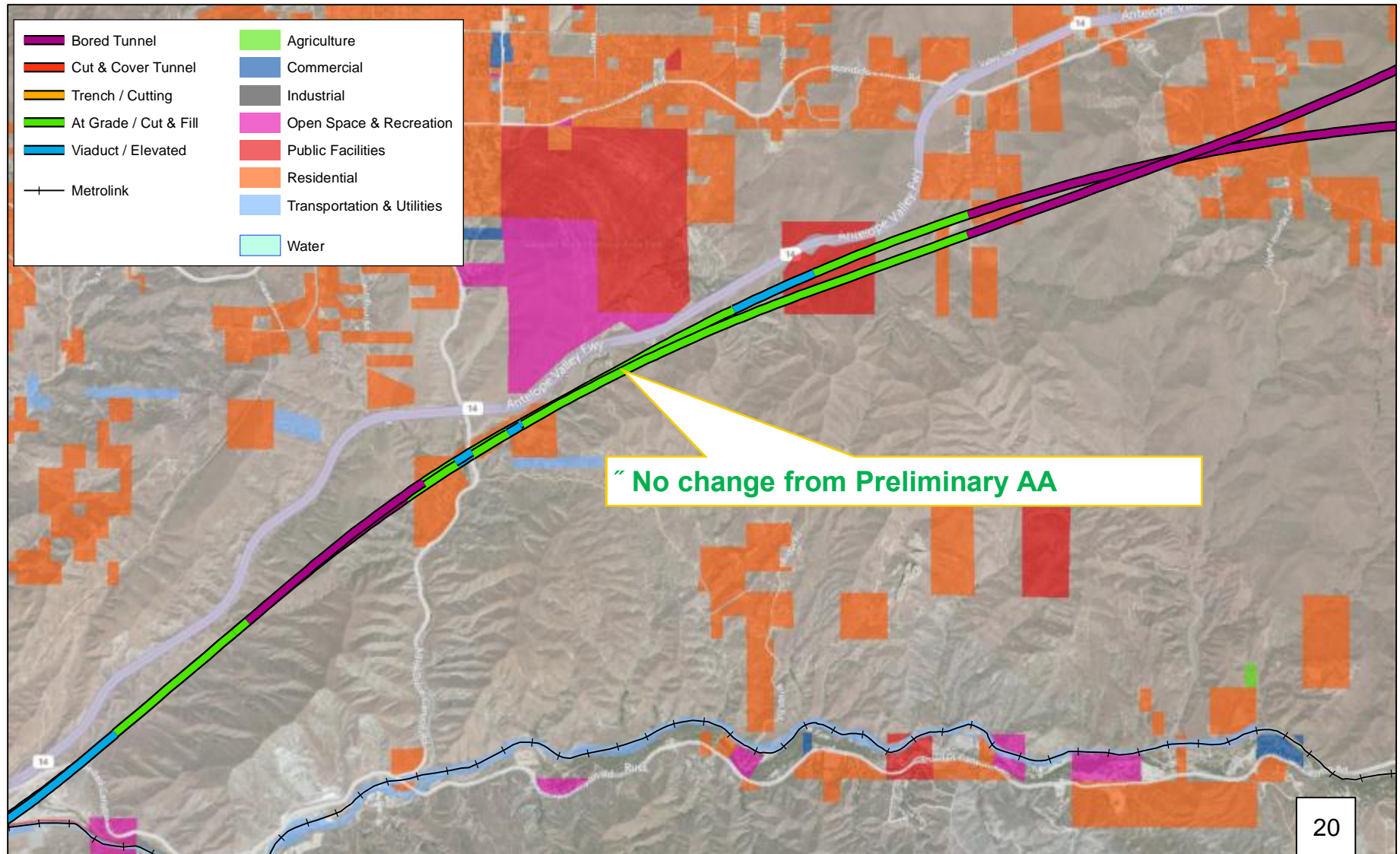


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Agua Dulce to Santa Clarita Preliminary AA



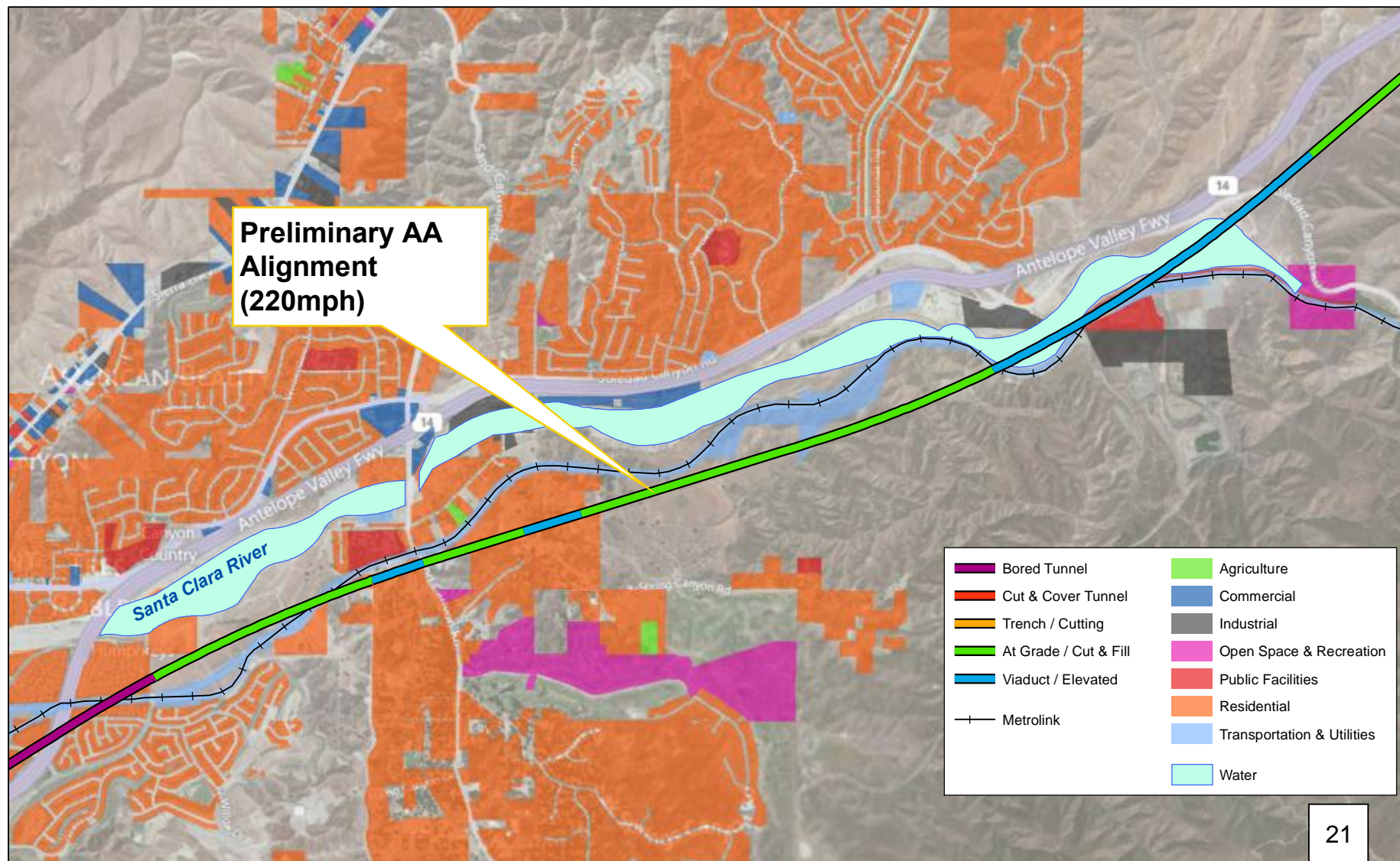


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San Jose to San Francisco – Preliminary AA



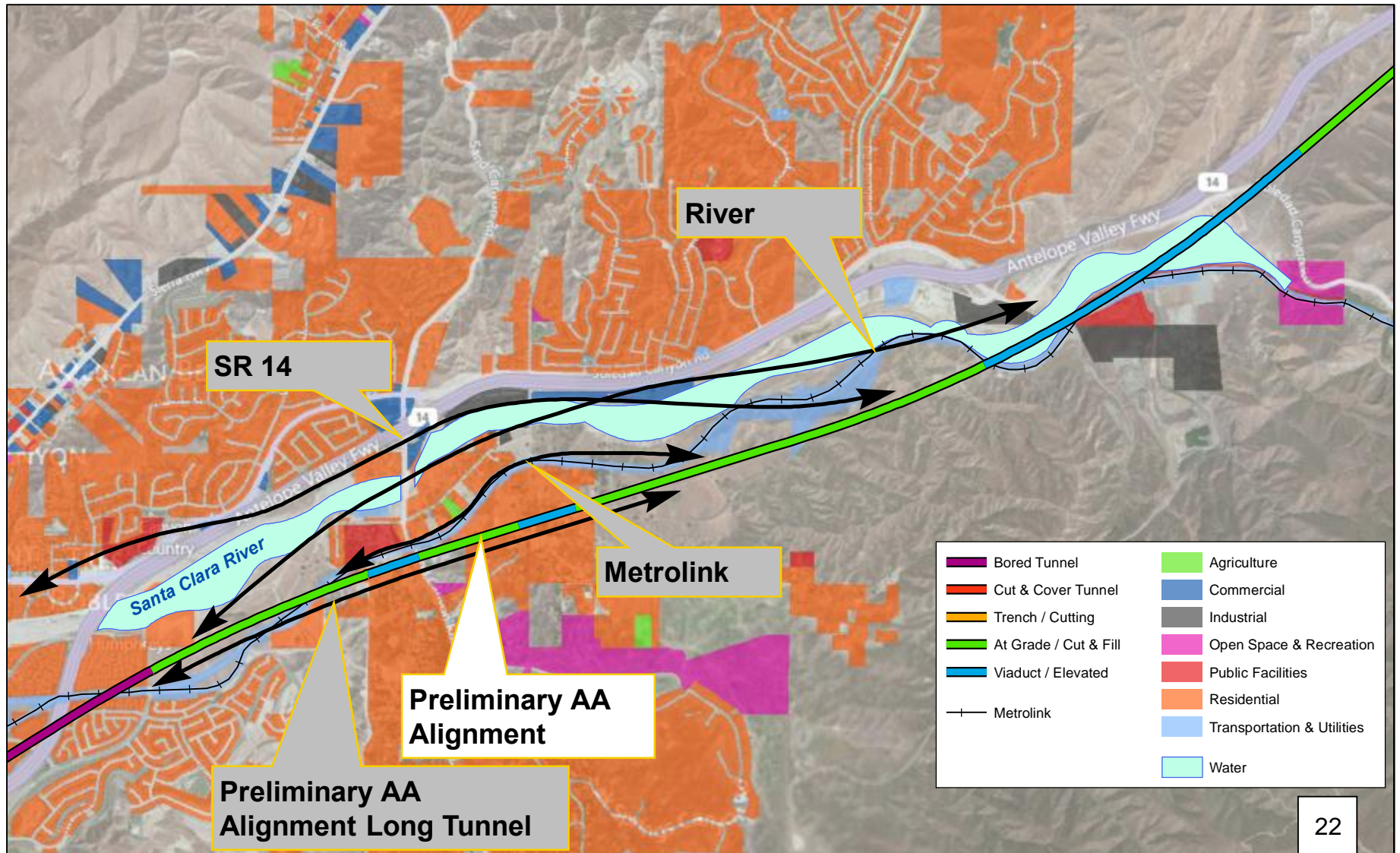


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Santa Clarita/Sand Canyon Supplemental Alternatives Analysis Studies



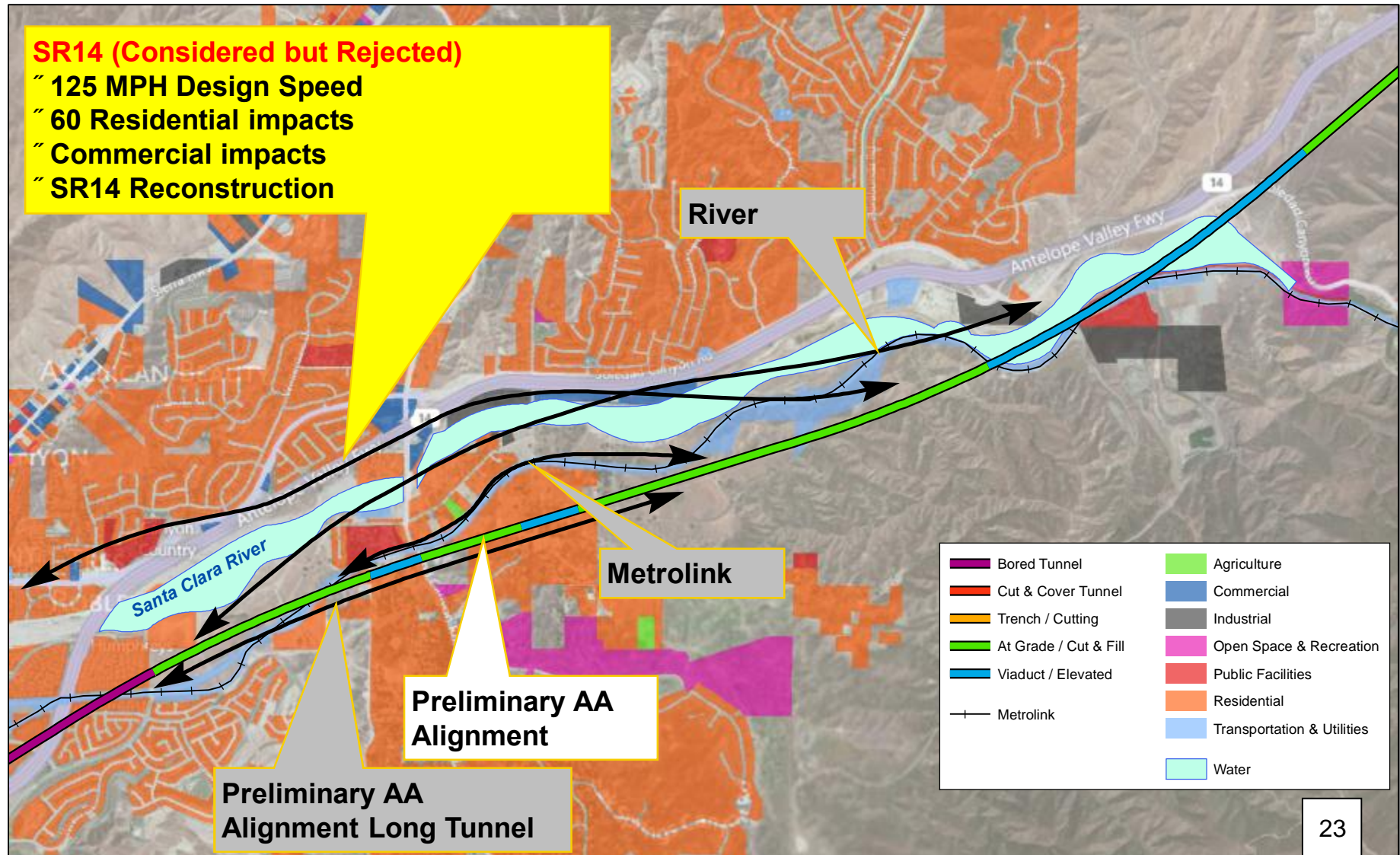


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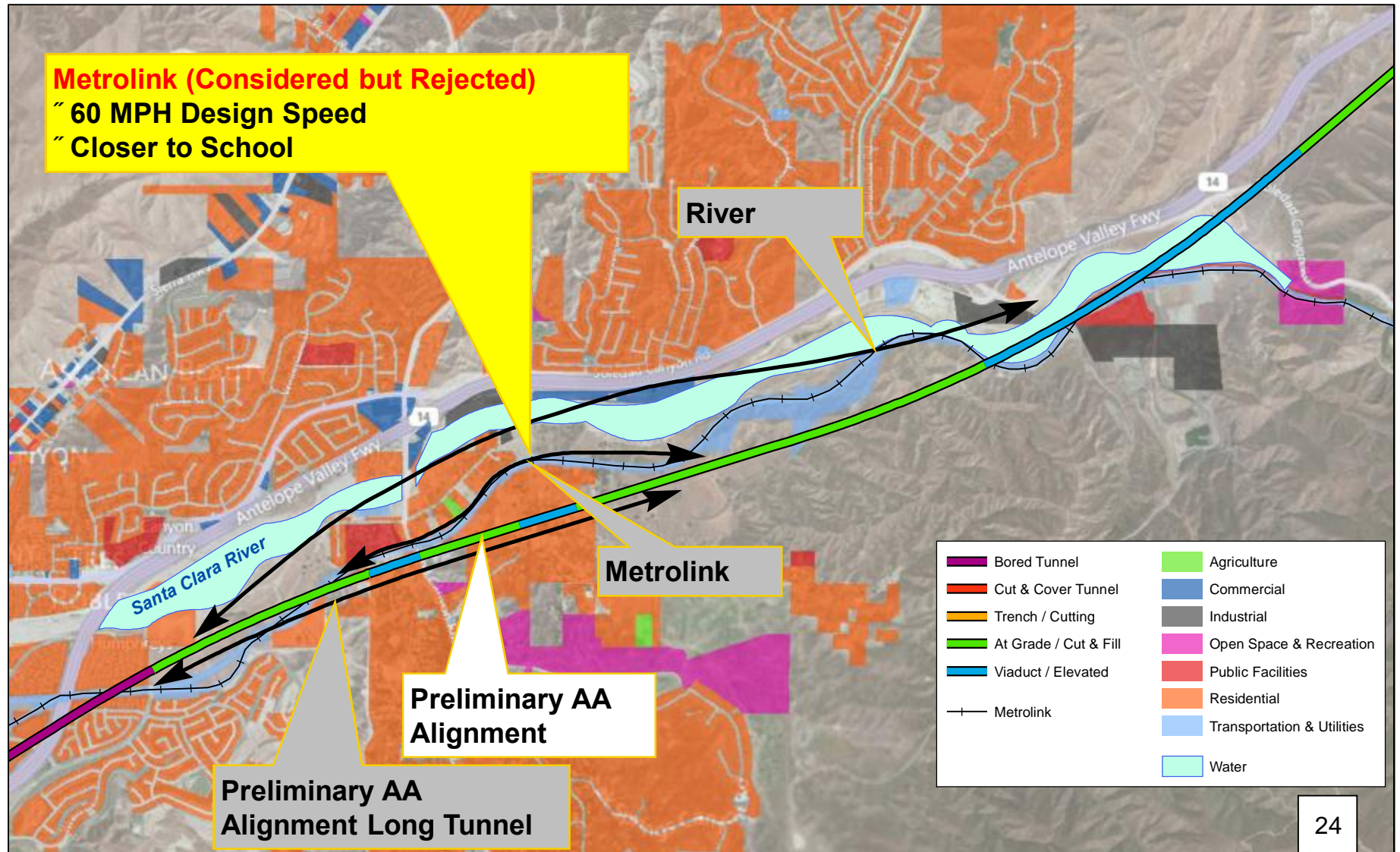


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Santa Clara/Sand Canyon Supplemental Alternatives Analysis Studies



Preliminary AA Alignment Long Tunnel (Considered but Rejected)

- ~ Tunnels based on topographic consideration
- ~ Operational, maintenance and safety Issues of long tunnels
- ~ High capital and operational cost of long tunnels

River

Preliminary AA Alignment



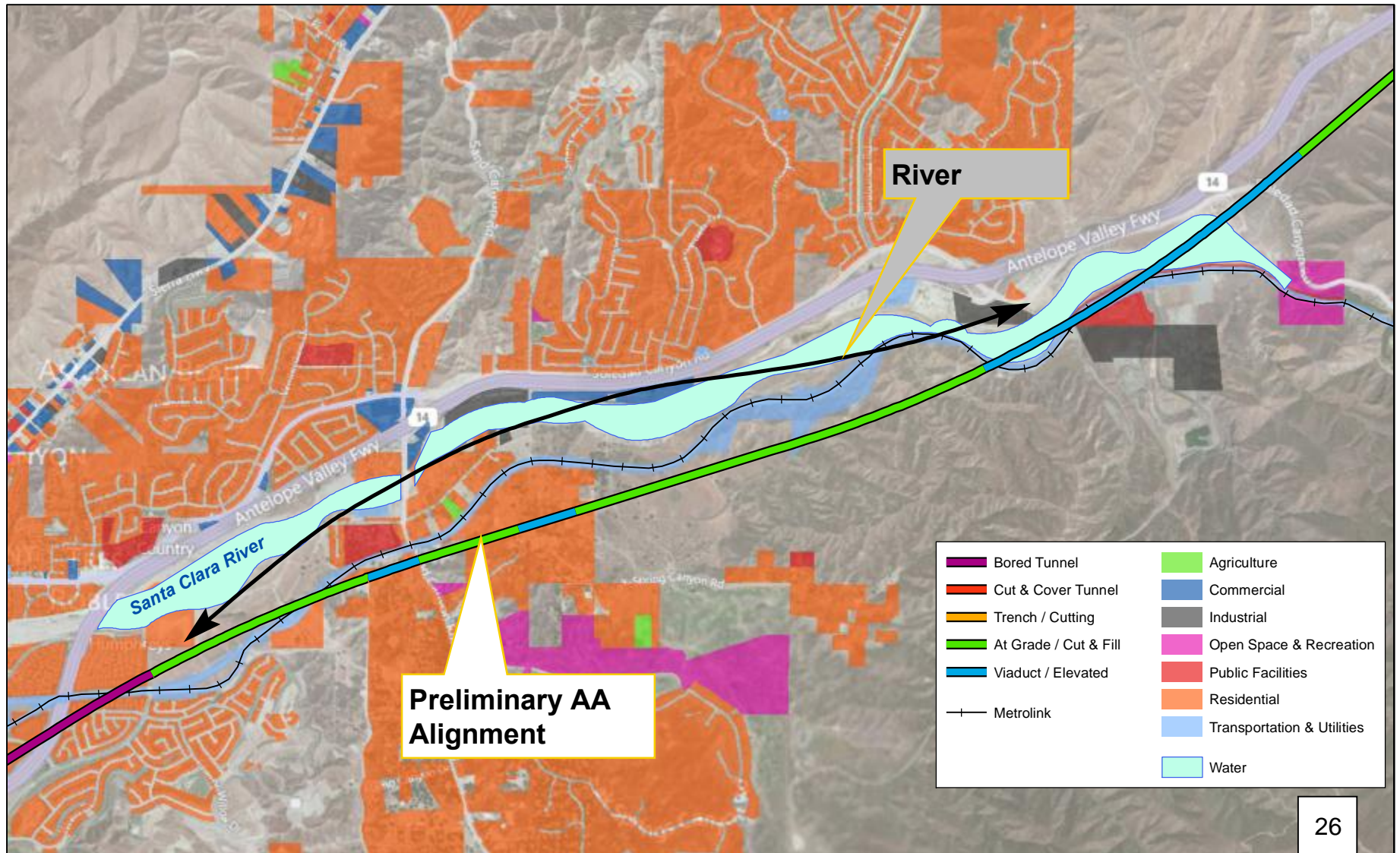


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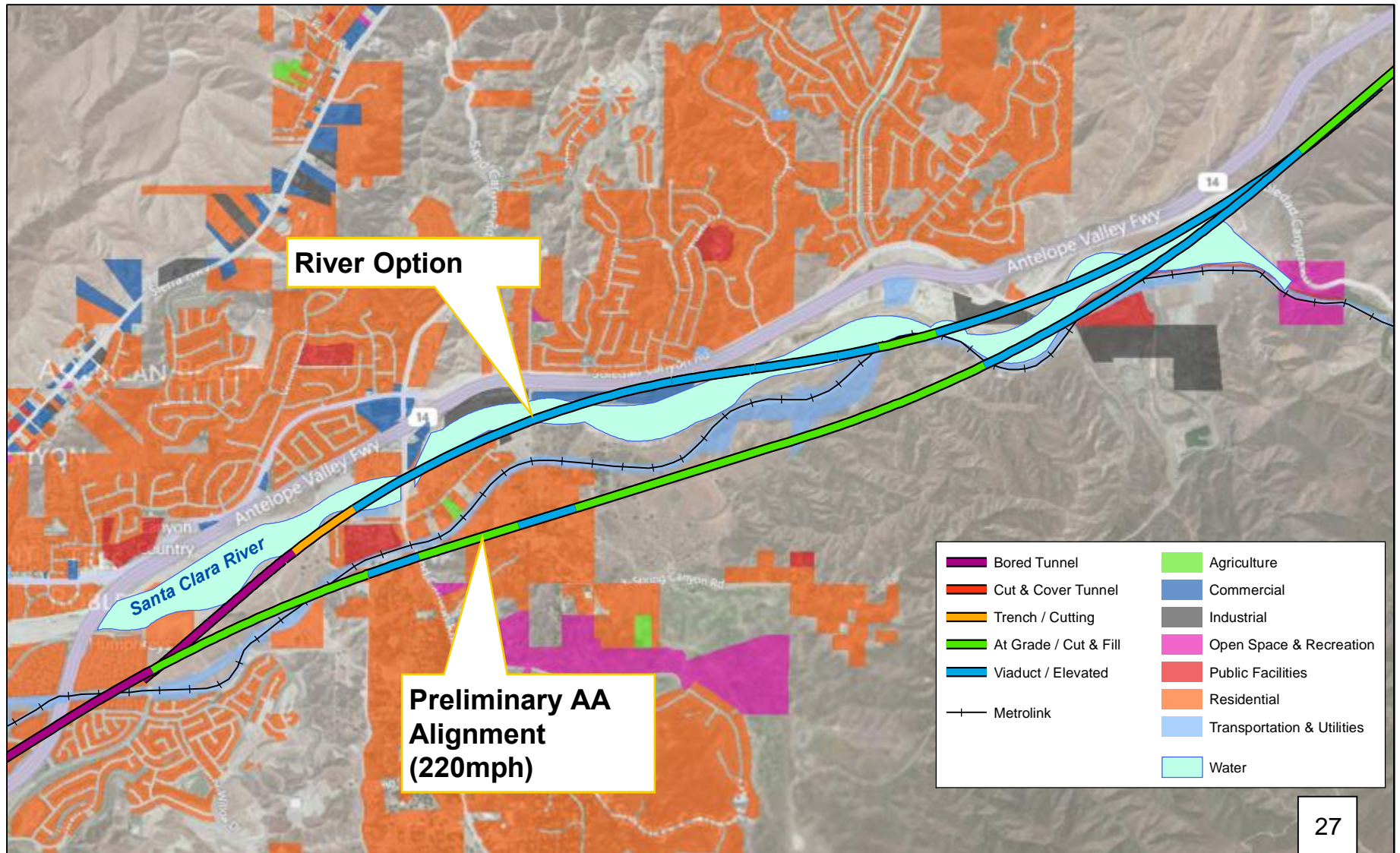


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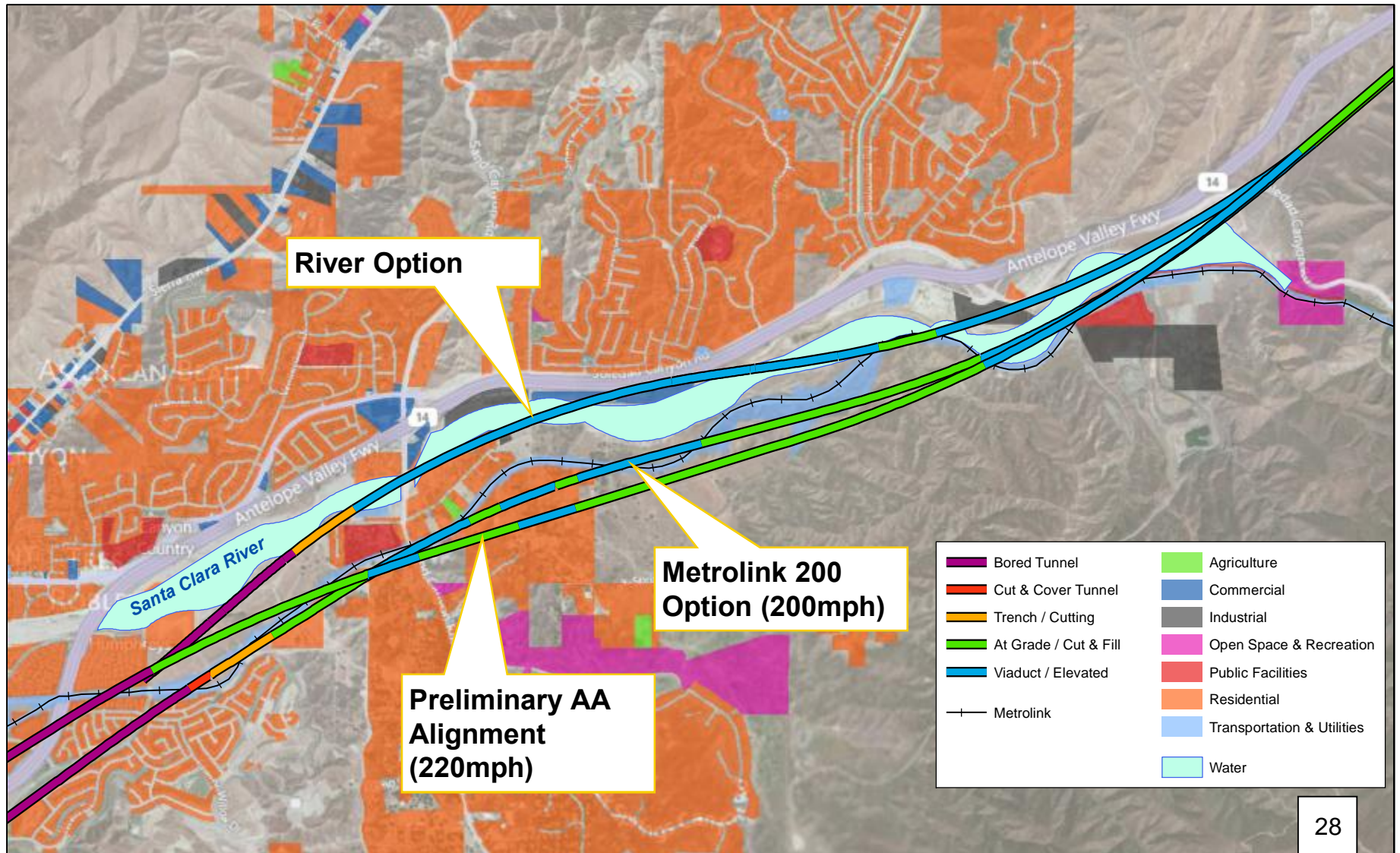


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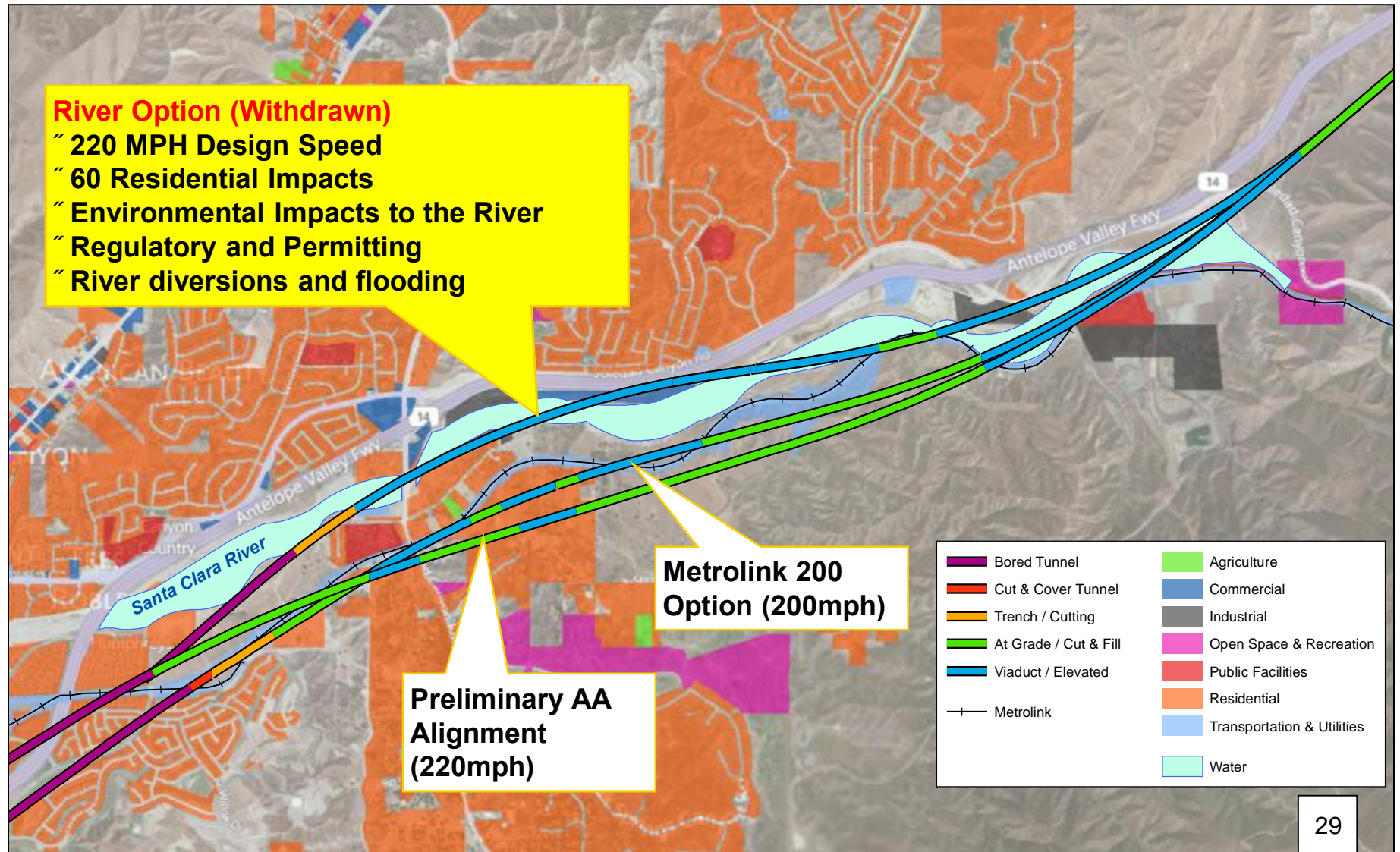


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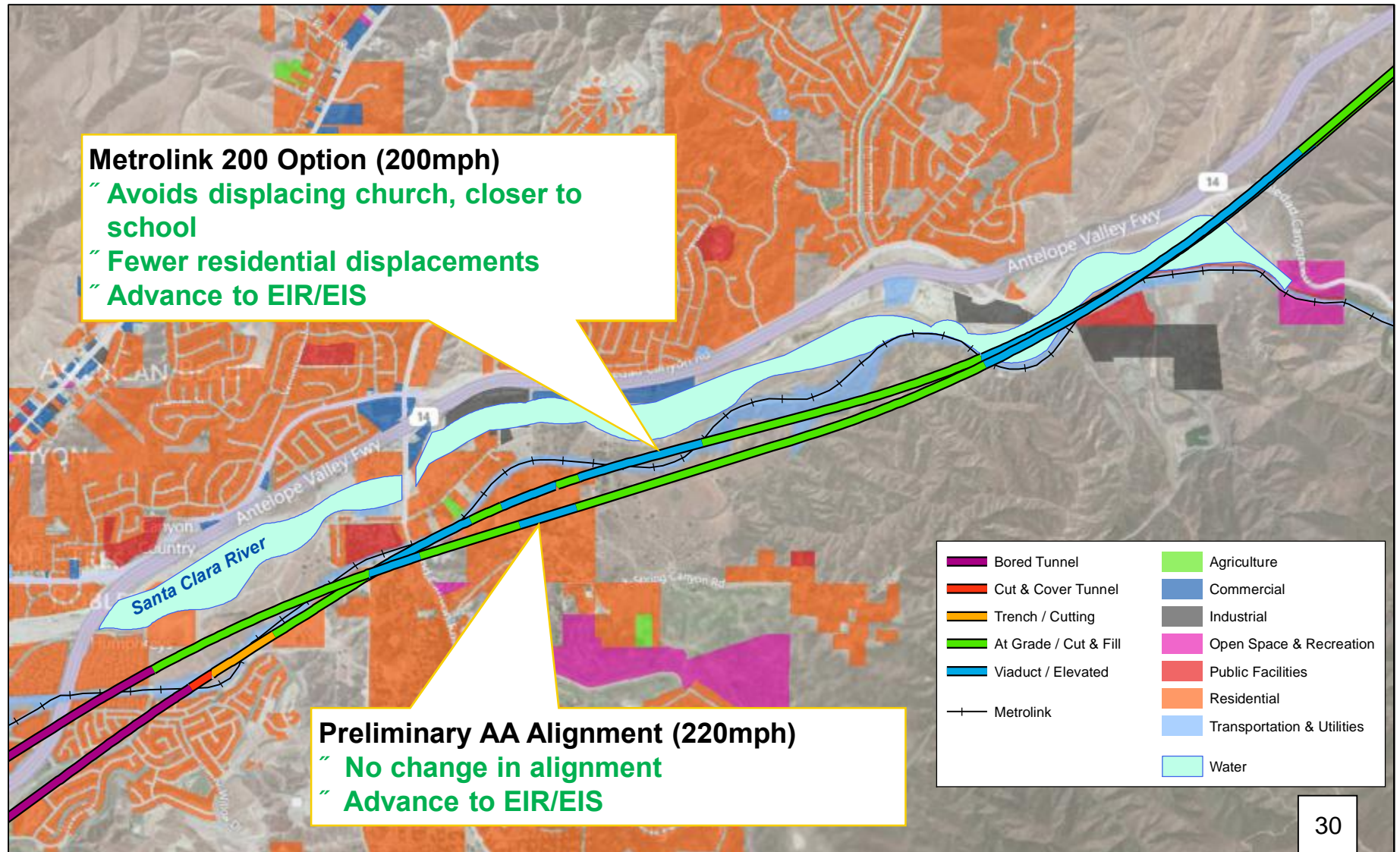


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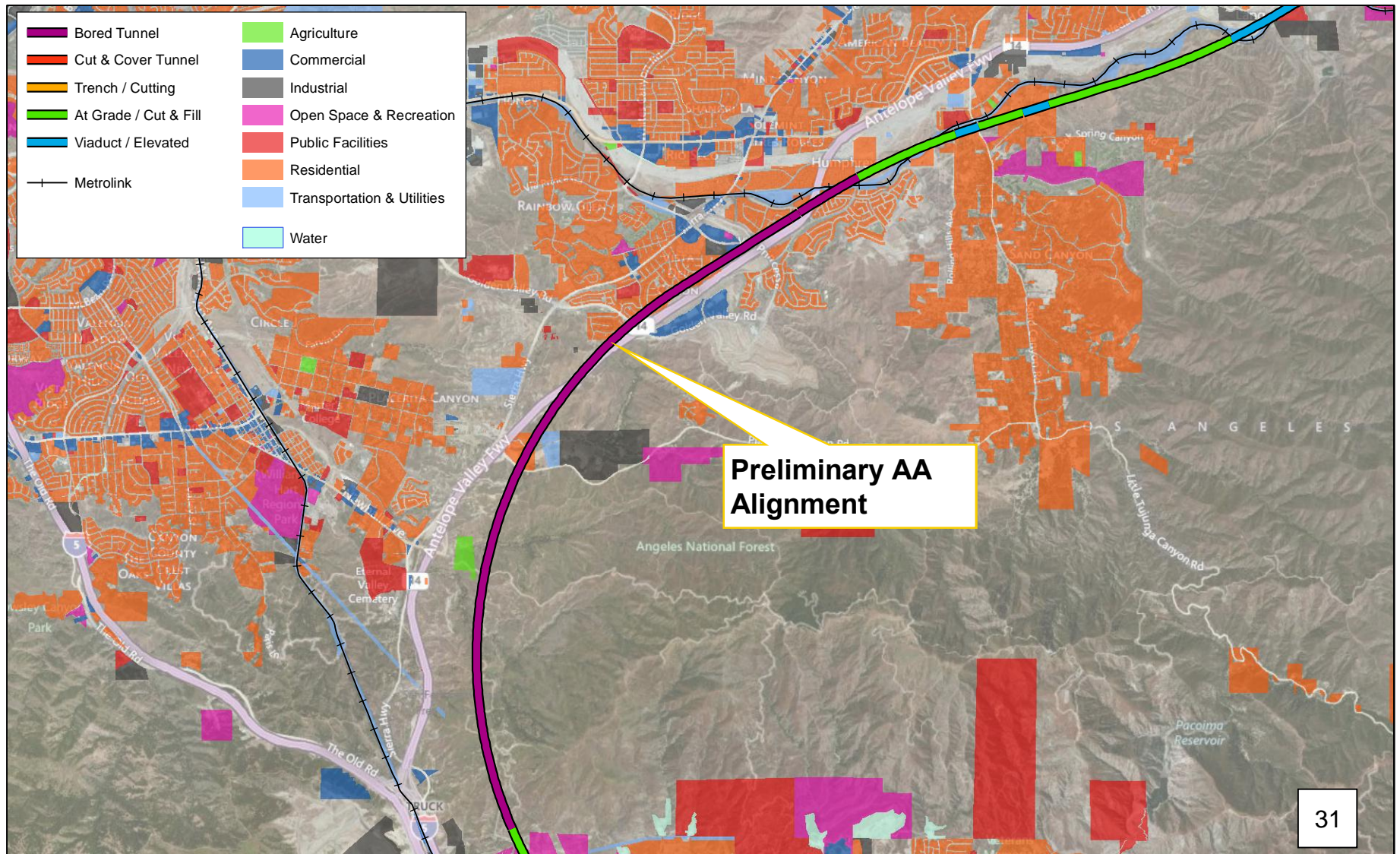


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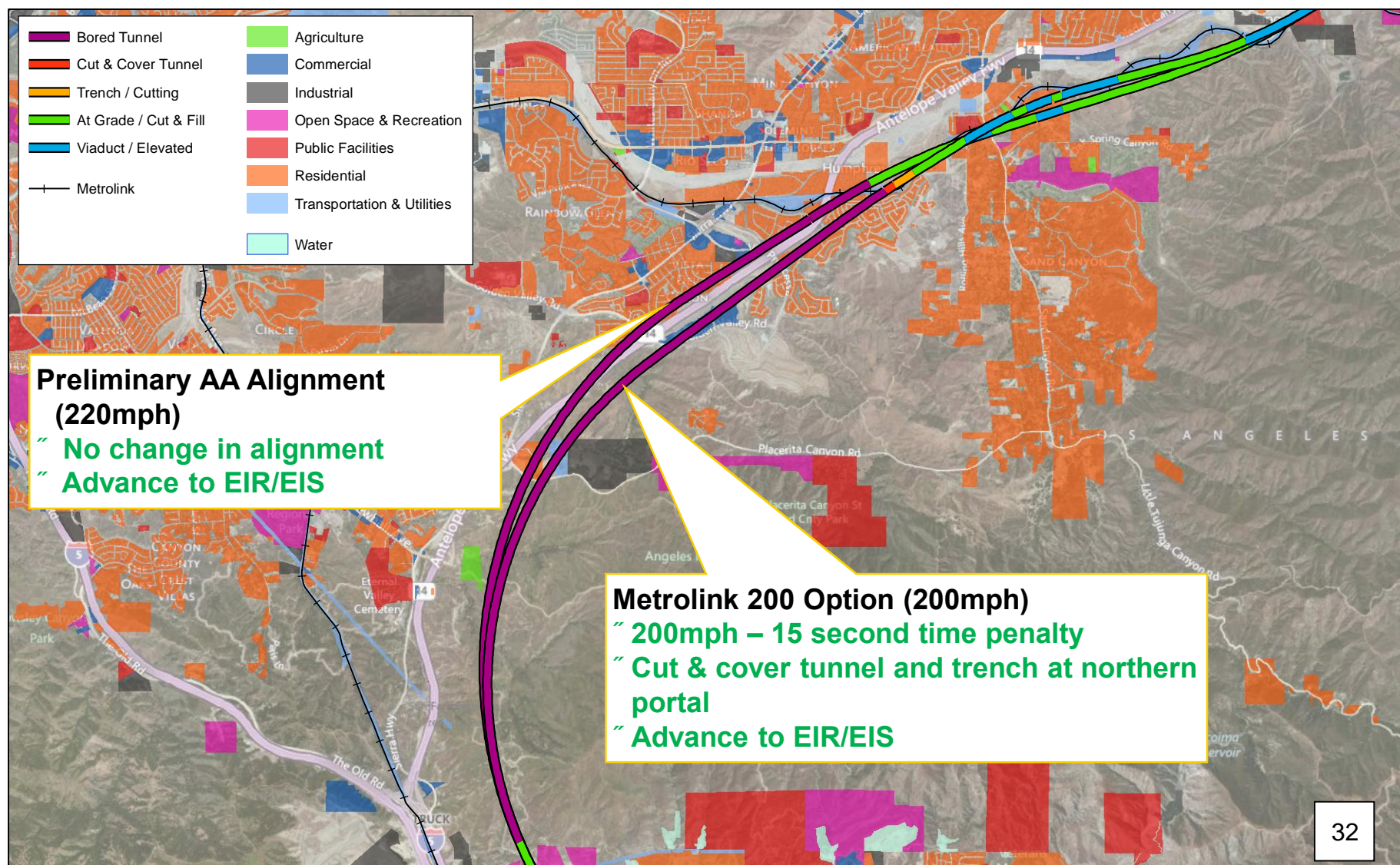
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Antelope Valley to Sylmar Preliminary AA



Santa Clarita to Sylmar Supplemental AA Recommendation



Agency, Elected Official and Stakeholder Outreach

- " City of Santa Clarita
- " City of Palmdale
- " Supervisor Antonovich's Office
- " Acton/Agua Dulce Stakeholder Working Group
 - . Acton/Agua Dulce School District
 - . Acton Town Council
 - . Agua Dulce Town Council
 - . Acton Chamber of Commerce
 - . City of Palmdale
- " Santa Clarita Valley Stakeholder Working Group
 - . Sulphur Springs School District
 - . Canyon Country Advisory Committee
 - . Sand Canyon Homeowners Association
 - . Vista Canyon
 - . Roadrunner Homeowners
 - . Church of the Canyons
 - . Sierra Club
 - . Disney
 - . Santa Clarita Chamber of Commerce
- " Metro
 - . Supervisor Antonovich's Office
 - . Assemblymember Steve Knight's Office
 - . Congressman Buck McKeon's Office
 - . State Senator Sharon Runner's Office
 - . Additional Members of the Community
- " City of Santa Clarita
- " Supervisor Antonovich's Office
- " Assemblymember Cameron Smyth's Office
- " Congressman Buck McKeon's Office
- " State Senator Sharon Runner's Office
- " Friendly Valley Community Association (invited)
- " Fair Oaks Ranch Homeowners Association (invited)

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Indale to Los Angeles

Next steps

We
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Approve SAA
Alternatives
to Move
Forward to
the **Draft
EIR/EIS**

Prepare
and Issue
15% Design
Set and
Draft
EIR/EIS

**Draft
EIR/EIS**
Public
Comment
Period

Decision by
the CAHSR
Board on
**Preferred
Alternative**

Publish
**FINAL
EIR/EIS**

Certification
of
FINAL EIR/EIS
by CAHSR
Board

FRA
Issues
**Record of
Decision**

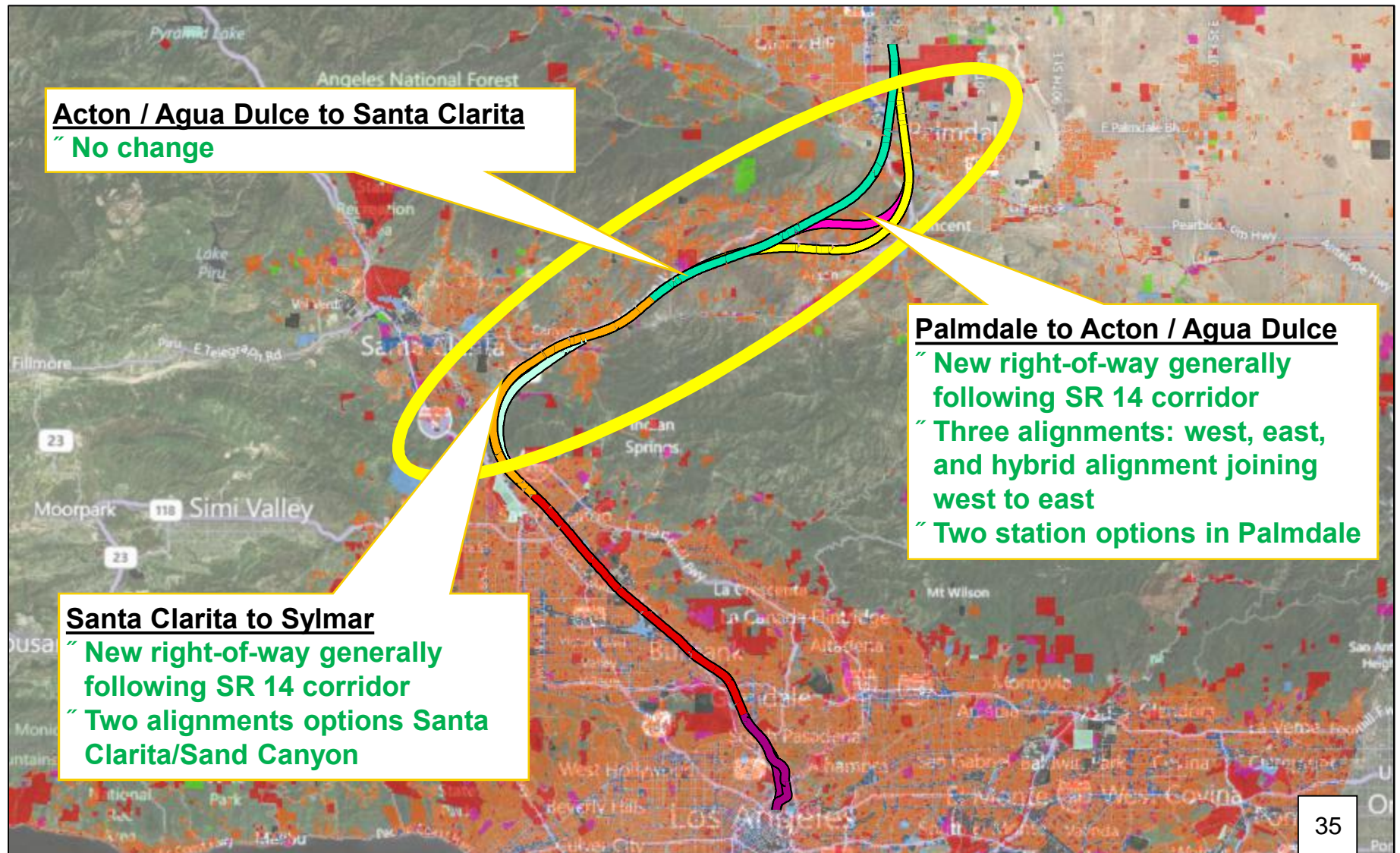


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Environmental Alternatives Analysis Recommendations Palmdale to Sylmar



Recommendation

- “ Palmdale Subsection
 - . SR 14 East
 - . SR 14 West
 - . SR 14 E/W Hybrid
- ” Santa Clarita Subsection
 - . Preliminary AA Option
 - . Metrolink 200 Option
- ” Stations
 - . Palmdale Transportation Center
 - . Palmdale West

ommendation Continued

Therefore, based on the Preliminary AA (July 2010), the first Supplemental AA (March 2011) and this second Supplemental AA (April 2012), The alternatives identified for further investigation in the EIR/EIS are:

- “ LAUS to Metrolink Central Maintenance Facility (CMF) subsection: LAPT1, LAPT3 and LAP1C
- “ Metrolink CMF to SR2 Subsection: Follow alignment at-grade and HST in Tunnel
- “ SR 2 to Sylmar subsection alignments: Profiles A, B1, B2 and C all with HST east of Metrolink
- “ SR 2 to Sylmar subsection stations: Buena Vista, Branford and San Fernando
- “ Santa Clarita subsection: Santa Clarita North and Santa Clarita South
- “ Palmdale subection alignment: SR14 East, SR14 West, SR14 E/W Hybrid
- “ Palmdale subsection stations: Palmdale Transportation Center, and Palmdale West